GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 03/04/2004 **End Date** 03/04/2004	**Boring ID** **SB-02-01-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Hand Auger	**Drilling Foreman**	Dave Brisson
Sampling Method	hand auger	**Drill Rig**	Hand Auger
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040962	100		0" - 10" Concrete floor and rubble Orange-brown fine to very fine SAND, little Silt, trace medium to coarse Sand, moist, loose	0
2-	1040963	100		Orange-brown fine to very fine SAND, little Silt, trace medium to coarse Sand, moist, loose Refusal at 3.75'	0
3.75					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/29/2004 **End Date** 02/29/2004	**Boring ID** **SB-02-01-02**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040884	83		0" - 8" Concrete floor and rubble Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
2-	1040885	83		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
4-	1040886	96		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
6-	1040887	33		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
8-	1040888	97		Orange-brown to light brown very fine SAND and SILT, trace Clay, rock fragments throughout, weathered rock	0
10-	1040889	97		Orange-brown to light brown very fine SAND and SILT, trace Clay, rock fragments throughout, weathered rock	0
11				Refusal at 11'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location Baldwin Hardware

Start Date 02/29/2004
End Date 02/29/2004

Boring ID
SB-02-02-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040869			0" - 10" Concrete floor and rubble Orange-brown to light brown fine to very fine SAND, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense	0.0
2-	1040870	75		0" - 10" Orange brown to light brown fine to very fine SAND, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense 10" - 18" Pulverised rock and rock flour Rock in tip; Refusal at 4.0'	0.0
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GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/09/2004 **End Date** 02/09/2004	**Boring ID** **SB-04-01-02**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040593	96		0" - 8" Concrete floor and crushed rock Yellow-orange to orange brown very fine SAND and SILT, fractured rock throughout, moist, dense	1.3
2-	1040594	96		Yellow-orange to orange-brown very fine SAND and SILT, fractured rock throughout, moist, dense, tan weathered rock throughout	1.3
4-	1040595	100		Yellow-orange to orange-brown very fine SAND and SILT, fractured rock throughout, moist, dense, tan weathered rock throughout	1.5
5				Refusal at 5'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/29/2004 **End Date** 02/29/2004	**Boring ID** **SB-02-02-02**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth **at** **Hours**		**Latitude**	
Depth **at** **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040876	69		0" - 8" Concrete floor and rubble Light brown fine to very fine SAND, little Silt, rock fragments throughout, moist, loose	0.0
2-	1040877	69		Light brown fine to very fine SAND, little Silt, rock fragments throughout, moist, loose	0.0
4.00- 6.5				Pulverised rock and rock flour Refusal at 6.5'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/29/2004 **End Date** 02/29/2004	**Boring ID** **SB-02-02-03**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040871	63		0" - 8" Concrete floor and rubble Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, loose	0.0
2-	1040872	63		Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, loose	0.0
4-	1040873, 1040874	77		0" - 10" Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, loose 10" - 18.5" Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, moist, loose to moderately dense	0.4
6-	1040875	77		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, moist, loose to moderately dense	0.0
8.00- 12		21		Pulverised rock and rock flour Refusal at 12'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/15/2004 **End Date** 02/15/2004	**Boring ID** **SB-02-03-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040749	87		0" - 6" Concrete floor and rubble Orange-brown fine to very fine SAND, little Silt, rock fragments throughout, moist, moderately dense	0.0
2.00- 2.5		87		Pulverised rock and rock flour Refusal at 2.5'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/15/2004
End Date 02/15/2004

Boring ID SB-02-03-02

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040750	100		0" - 6" Concrete floor and rubble	0.0
|				6" - 26" Orange-brown very fine to fine SAND and SILT, rock fragments throughout, moist, moderately dense	
|				26" - 30" Pulverised rock and rock flour	
2				Refusal at 2'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/15/2004 **End Date** 02/15/2004	**Boring ID** **SB-02-03-03**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2	1040751	54		0" - 12" Concrete floor Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, dense Refusal at 2'	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/04/2004
End Date 03/04/2004

Boring ID SB-02-04-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Hand Auger
Sampling Method Hand Auger
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Dave Brisson
Drill Rig Hand Auger
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040964, 1040965	100		0" - 6" Concrete and rubble Orange-brown fine to very fine SAND and SILT, moist, loose Refusal at 2.5'	0.0
|					
|					
|					
|					
2.5					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 03/07/2004	**Boring ID** SB-02-04-02
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 03/07/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.		**Logged by** dave brisson	
Drilling Method Geoprobe - Direct Push		**Drilling Foreman** Dave Brisson	
Sampling Method GP5400		**Drill Rig** 6610 DT	
Groundwater Observation		**Surface Elevation**	
Depth at Hours		**Latitude**	
Depth at Hours		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2	1041035	75		0" - 6" Concrete floor Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense Refusal at 2'	0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/15/2004 **End Date** 02/15/2004	**Boring ID** **SB-02-05-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040752	63		0" - 6" Concrete floor and crushed rock Light gray fine to very fine SAND and SILT, rock fragments througout, moist, loose to moderately dense	0.0
2-	1040753	63		Light gray fine to very fine SAND and SILT, rock fragments througout, moist, loose to moderately dense	0.0
4-	1040754	92		0" - 6" Light gray fine to very fine SAND and SILT, rock fragments througout, moist, loose to moderately dense 6" - 11" Orange-brown fine to very fine SAND and SILT, rock fragments present, moist, moderately dense Refusal at 5'	0.0
5					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 02/15/2004
End Date 02/15/2004

Boring ID SB-02-05-02

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040755, 1040756	88		0" - 6" Concrete floor and rubble Tan to gray fine to very fine SAND and SILT, rock fragments throughout, moise, moderately dense	0.0
2-	1040757	88		Tan to gray fine to very fine SAND and SILT, rock fragments throughout, moise, moderately dense	0.0
4-	1040758	67		Orange-brown fine to very fine SAND, little Silt, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense	0.0
6-	1040759	67		Orange-brown fine to very fine SAND, little Silt, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense Refusal at 8'	0.0
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GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/15/2004
End Date 02/15/2004

Boring ID SB-02-05-03

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040760	79		0" - 6" Concrete and rubble Tan very fine to fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0.0
2-	1040761	79		Tan very fine to fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0.0
4-	1040762	83		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
6-	1040763	83		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
8-	1040764	83		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
10-	1040765	83		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense Refusal at 12'; Rock in tip	0.0
12					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware	**Start Date** 03/04/2004 **End Date** 03/04/2004	**Boring ID** **SB-02-05-04**

Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Hand Auger	**Drilling Foreman**	Dave Brisson
Sampling Method	Hand Auger	**Drill Rig**	Hand Auger
Groundwater Observation		**Surface Elevation**	
Depth **at** **Hours**		**Latitude**	
Depth **at** **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040966			0-13" Concrete floor and subbase 13-24" Light brown to tan fine to very fine SAND and SILT, rock fragments present, moist, loose	0.0
2-	1040967			Light brown to tan fine to very fine SAND and SILT, rock fragments present, moist, loose Refusal at 4'10"	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/16/2004
End Date 02/16/2004

Boring ID SB-02-06-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040781	83		0" - 6" Concrete floor and rubble Light gray fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense	0.0
2-	1040782	83		Light gray fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense	0.0
4-	1040783	83		0" - 18" Light gray fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense 18" - 20" Asphalt pieces	0.0
6-	1040784	83		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense	0.0
8-	1040785	63		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense	0.0
10-	1040786	63		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense Refusal at 12'; Rock in tip	0.0
12					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 03/03/2004 **End Date** 03/03/2004	**Boring ID** **SB-02-06-02**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | | | | 3.8	1040952	22		0" - 8" Concrete floor 8" - 14" Orange-brown fine to very fine SAND and SILT 14" - 18" Pulverised rock and rock flour Refusal at 3'10"	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/03/2004
End Date 03/03/2004

Boring ID SB-02-06-03

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040953	83		0" - 8" Concrete floor and rubble Light brown to tan fine to very fine SAND, some Silt, trace Clay, trace puverlised rock, moist, loose to moderately dense	0
2-	1040954	83		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
4-	1040955	92		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
6-	1040956	92		0" - 6" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 6" - 12" Pulverised rock and rock flour Refusal at 7'	0
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GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/28/2004 **End Date** 02/28/2004	**Boring ID** **SB-02-06-04**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 CT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2	1040854	50		0" - 8" Concrete floor and rubble 8" - 12" Orange-brown fine to very fine SAND and SILT, rock fragments througout, moist, moderately dense Refusal at 2'	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 02/13/2004	**Boring ID** SB-02-07-01
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 02/13/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.	**Logged by** dave brisson		
Drilling Method Geoprobe - Direct Push	**Drilling Foreman** Jason Miller		
Sampling Method GP5400	**Drill Rig** 6610 DT		
Groundwater Observation	**Surface Elevation**		
Depth at Hours	**Latitude**		
Depth at Hours	**Longitude**		

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2	1040708	75		0" - 6" Concrete and crushed rock 6" - 16" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 16" - 24" Pulverised rock and rock flour Refusal at 2.0'	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 02/13/2004	**Boring ID** SB-02-07-02
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 02/13/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.	**Logged by** Dave Brisson		
Drilling Method Geoprobe - Direct Push	**Drilling Foreman** Jason Miller		
Sampling Method GP5400	**Drill Rig** 6610 DT		
Groundwater Observation	**Surface Elevation**		
Depth at Hours	**Latitude**		
Depth at Hours	**Longitude**		

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2	1040709	50		0" - 6" Concrete floor and crushed rock 6" - 16" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 16" - 18" Pulverised rock and rock flour Refusal at 2.0'	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/13/2004
End Date 02/13/2004

Boring ID SB-02-07-03

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040710	71		0" - 6" Concrete and crushed rock 6" - 16" Reddish-brown very fine SAND and SILT, trace fine to coarse Sand, trace Clay, moist, dense 16" - 23" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.6
2-	1040711	71		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4-	1040712	83		Yellow-brown fine to very fine SAND and SILT, some fractured rock, moist, loose to moderately dense	0.0
6-	1040713	83		Yellow-brown fine to very fine SAND and SILT, some fractured rock, moist, loose to moderately dense	0.0
8-	1040714	83		Yellow-orange fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
10-	1040715	83		Orange-brown very fine SAND and SILT, little Clay, rock fragments throughout, trace fine Sand, moist, moderately dense	0.0
12-	1040716	79		Orange-brown fine to very fine SAND, trace medium to coarse Sand, trace Silt, rock fragments throughout, moist, moderately dense	0.0
14-	1040717	79		Orange-brown fine to very fine SAND, trace medium to coarse Sand, trace Silt, rock fragments throughout, moist, moderately dense	0.0
16					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/16/2004
End Date 02/16/2004

Boring ID SB-02-07-04

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by dave brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040768, 1040769	83		0" - 6" Concrete floor and rubble 6" - 10" Gray fine to very fine SAND, trace medium to coarse Sand, fill material present, moist, loose 10" - 26" Light brown fine to very fine SAND and SILT, fine to coarse rock and fill material present, moist, moderately dense	0.0
2-	1040770			Light brown fine to very fine SAND and SILT, fine to coarse rock and fill material present, moist, moderately dense	0.0
4-	1040771	75		Light brown fine to very fine SAND and SILT, fine to coarse rock and fill material present, moist, moderately dense	0.0
6-	1040772	75		0" - 10" Light brown fine to very fine SAND and SILT, fine to coarse rock and fill material present, moist, moderately dense 10" - 18" Pulverised rock and rock flour Refusal at 8'	0.0
8					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/16/2004
End Date 02/16/2004

Boring ID SB-02-07-05

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by dave brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040773	54		0" - 6" Concrete floor and rubble 6" - 12" Strong brown very fine SAND and SILT, trace Clay, trace medium to coarse Gravel, moist, moderately dense 12" - 19" Orange-brown to light brown fine to very fine SAND, trace Silt, rock fragments and fill material throughout, moist, moderately dense to loose	0.0
2-	1040774	54		Orange-brown to light brown fine to very fine SAND, trace Silt, rock fragments and fill material throughout, moist, moderately dense to loose	0.0
4-	1040775	79		Orange-brown to light brown fine to very fine SAND, trace Silt, rock fragments and fill material throughout, moist, moderately dense to loose	0.0
6-	1040776	79		Orange-brown to light brown fine to very fine SAND, trace Silt, rock fragments and fill material throughout, moist, moderately dense to loose Plastic sheeting in top 3"	0.0
8-	1040777	83		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense	0.0
10-	1040778	83		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense	0.0
12-	1040779	79		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense	0.0
14-	1040780	79		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense	0.0
16					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 08/22/2004
End Date 08/22/2004

Boring ID
SB-02-07-06

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0.00-				Concrete	
0.5-	1051500	54		Gray crushed rock (stone) with gray fine to medium SAND, moist, loose	0.0
2-	1051501	54		Gray crushed rock (stone) with gray fine to medium SAND, moist, loose	0.0
4-	1051502	96		Orange-brown fine to very fine SAND and SILT, rock fragments and small Cobbles throughout, moist, moderately dense	0.0
6-	1051503	96		Orange-brown fine to very fine SAND and SILT, rock fragments and small Cobbles throughout, moist, moderately dense	0.0
8-	1051504	92		Orange-brown very fine SAND and SILT, trace fine Sand, trace fine Gravel, trace Clay, moist, dense	0.0
10-	1051505	92		Orange-brown very fine SAND and SILT, trace fine Sand, trace fine Gravel, trace Clay, moist, dense	0.0
12-	1051506			Orange-brown very fine SAND and SILT, trace fine Sand, trace fine Gravel, trace Clay, rock fragments throughout, moist, dense	0.0
14-	1051507			Orange-brown very fine SAND and SILT, trace fine Sand, trace fine Gravel, trace Clay, rock fragments throughout, moist, dense	0.0
16					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/07/2004
End Date 03/07/2004

Boring ID
SB-02-08-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by dave brisson
Drilling Foreman Dave Brisson
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041036	83		0" - 6" Concrete Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
2-	1041037	83		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
4-	1041038	90		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
6-	1041039	90		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense Refusal at 7.5'	0
7.5					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 03/07/2004 **End Date** 03/07/2004	**Boring ID** **SB-02-08-02**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Dave Brisson
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1041040	63		0" - 6" Concrete floor Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
2-	1041041	63		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
4-	1041042	88		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
6.00- 8.00		88		0" - 18" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 18" - 21" Pulverised rock and rock flour Refusal at 8'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/05/2004
End Date 03/05/2004

Boring ID
SB-04-02-05

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040990	96		0" - 8" Concrete floor and rubble Yellow-orange fine to very fine SAND and SILT, rock fragments throughout	16.5
2-	1040991	96		0" - 19" Yellow-orange fine to very fine SAND and SILT, rock fragments throughout 19" - 21" Pulverised concrete 21" - 23" Yellow-orange fine to very fine SAND and SILT, rock fragments throughout	6.9
4-	1040992	75		21" - 23" Yellow-orange fine to very fine SAND and SILT, rock fragments throughout	0.0
6-	1040993	75		0" - 6" Pulverised rock and rock flour 6" - 14" Orange-brown fine to very fine SAND and SILT, moist, moderately dense 14" - 18" Pulverised rock and rock flour	0.0
8-	1040994	60		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, dense	0.0
10.00- 11.75		60		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, dense Refusal at 11.75'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/05/2004
End Date 03/05/2004

Boring ID
SB-04-02-06

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040995	88		0" - 6" Concrete floor and rubble Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	20.1
2-	1040996	88		0" - 18" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 18" - 21" Pulverised concrete	4.3
4-	1040997	96		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
6-	1040998	96		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
8-	1040999	100		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
10-	1041000	100		Yellow-orange fne to very fine SAND, little Silt, rock fragments and pulverised rock throughout	0.0
11				Refusal at 11'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/05/2004
End Date 03/05/2004

Boring ID
SB-04-02-07

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041001	96		0" - 6" Concrete floor and rubble Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	12.1
2-	1041002	96		0" - 8" Orange-brown fine to very fine SAND and SILT, some pulverised concrete, rock fragments throughout, moist, moderately dense 8" - 23" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	1.9
4-	1041003	85		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
6-	1041004	85		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
8-	1041005	83		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
10-	1041006	83		0" - 14" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 14" - 20" Pulverised rock and rock flour Refusal at 12'	0.0
12					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/27/2004
End Date 03/27/2004

Boring ID
SB-04-02-08

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041090	83		0" - 6" Concrete 6" - 20" Brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	21.6
2-	1041091	83		0" - 10" Brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 10" - 14" Pulverised concrete 14" - 20" Brown fine to very fine SAND and SILT, rock fragments in sample, moist, moderately dense	17.6
4-	1041092	96		Brown fine to very fine SAND and SILT, rock fragments in sample, moist, moderately dense	9.0
6-	1041093	96		0" - 19" Brown fine to very fine SAND and SILT, rock fragments in sample, moist, moderately dense 19" - 23" Brown fine to very fine SAND and SILT, rock fragments and pulverised rock in sample, moist, moderately dense	8.6
8-	1041094	100		0" - 10" Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 10" - 14" Pulverised rock layer 10" - 24" Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	10.0
10-	1041095	100		Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	11.5
11				Refusal at 11'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/27/2004
End Date 03/27/2004

Boring ID
SB-04-02-09

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041096	92		0" - 6" Concrete floor and rubble 6" - 22" Brown fine to very fine SAND and SILT, moist, moderately dense	10.7
2-	1041097	92		0" - 6" Brown fine to very fine SAND and SILT, moist, moderately dense 6" - 9" Concrete 9" - 22" Brown fine to very fine SAND and SILT, moist, moderately dense	8.3
4-	1041098	96		Orange-brown fine to very fine SAND and SILT, trace (+) Clay, rock fragments throughout, moist, moderately dense	10.6
6-	1041099	96		Orange-brown fine to very fine SAND and SILT, trace (+) Clay, rock fragments throughout, moist, moderately dense	16.7
8.00- 9.5		44		Pulverised rock Refusal at 9.5'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 03/27/2004
End Date 03/27/2004

Boring ID SB-04-02-10

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041100	81		0" - 6" Concrete floor 6" - 19.5" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	16.3
2-	1041101	81		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	10.1
4-	1041102	63		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	5.0
6-	1041103	63		0" - 6" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 6" - 15" Pulverised rock and rock flour	4.5
8-	1041104	83		0" - 4" Brown fine to very fine SAND and SILT, pulverised rock throughout, moist, moderately dense 4" - 10" Pulverised rock and rock flour	4.8
9				Refusal at 9'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/27/2004
End Date 03/27/2004

Boring ID
SB-04-02-11

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041105	92		0" - 6" Concrete floor 6" - 16" Orange-brown fine to very fine SAND and SILT, moist, moderately dense	0.0
2-	1041106	92		0" - 3" Dilapidated concrete 3" - 22" Orange-brown fine to very fine SAND and SILT, moist, moderately dense	0.0
4-	1041107, 1041108	79		Orange-brown fine to very fine SAND and SILT, moist, moderately dense	0.1
6-	1041109	79		Orange-brown fine to very fine SAND and SILT, moist, moderately dense	0.2
8-	1041110	67		0" - 10" Orange-brown fine to very fine SAND and SILT, moist, moderately dense 10" - 16" Pulverised rock and rock flour Refusal at 10'	0.4
10					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 03/27/2004
End Date 03/27/2004

Boring ID
SB-04-02-12

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041111	69		0" - 6" Concrete 6" - 16.5" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1041112	69		0" - 3" Dilapidated concrete 3" - 16.5" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4-	1041113	92		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
6-	1041114	92		0" - 18" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 18" - 22" Pulverised rock and rock flour Refusal at 8.25'; Rock in tip	0.0
8					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 04/26/2004	**Boring ID** SB-04-02-13
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 04/26/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.		**Logged by** Dave Brisson	
Drilling Method Geoprobe		**Drilling Foreman** Alex Clarke	
Sampling Method Macro Core		**Drill Rig** Geoprobe 5400	
Groundwater Observation		**Surface Elevation**	
Depth at Hours		**Latitude**	
Depth at Hours		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1041149	96		0" - 6" Concrete flour 6" - 23" Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, dense	0
2-	1041150	96		0" - 19" Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, dense 19" - 23" Pulverised concrete	0
4-	1041151	96		Strong brown very fine to fine SAND and SILT, trace (+) Clay, moist, moderately dense	0
6-	1041152	96		0" - 8" Strong brown very fine to fine SAND and SILT, trace (+) Clay, moist, moderately dense 8" - 23" Pulverised rock and rock flour Refusal at 8.0'	0
8					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 04/26/2004
End Date 04/26/2004

Boring ID SB-04-02-14

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0.0-	1041153	100		0" - 6" Concrete 6" - 20" Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, dense	0
1.75-	1041155	100		Dark brown fine to very fine SAND and SILT, trace organics, moist, moderately dense	
2.25-	1041154	100		Light brown fine to very fine SAND and SILT, trace medium to coarse Sand, trace Gravel, moist, moderately dense	0
4-	1041156	87		Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
5.9-	1041157	87		0" - 10" Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 10" - 20" Pulverised rock and rock flour	0
7.8				Refusal at 7'10".	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 04/26/2004
End Date 04/26/2004

Boring ID
SB-04-02-15

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041158	96		0" - 6" Concrete 6" - 23" Light brown very fine to very fine SAND and SILT, trace medium to coarse Sand, trace Gravel, moist, moderately dense	0
2-	1041159	96		Light brown very fine to very fine SAND and SILT, trace medium to coarse Sand, trace Gravel, moist, moderately dense	0
4-	1041160	92		0" - 2" Concrete 2" - 22" Brown very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0
6-	1041161	92		Brown very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0
8-	1041162	91		Brown very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0
9.7-	1041163	91		0" - 13" Brown very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense 13" - 20" Pulverised rock and rock flour Refusal at 11.75'	0
11.75					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 04/26/2004
End Date 04/26/2004

Boring ID SB-04-02-16

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by dave brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041164	96		0" - 6" Concrete 6" - 23" Light brown fine to very fine SAND and SILT, moist, moderately dense	0
2-	1041165	96		Light brown fine to very fine SAND and SILT, moist, moderately dense	0
4-	1041166	21		0" - 4" Pulverised rock 4" - 10" Light brown fine to very fine SAND and SILT, moist, moderately dense	0
8-	1041167	100		Brown very fine SAND and SILT, trace Clay, trace fine Sand, miost, moderately dense	0
10-	1041168	100		Brown very fine SAND and SILT, trace Clay, trace fine Sand, miost, moderately dense	0
12-	1041169	96		Brown very fine SAND and SILT, trace Clay, trace fine Sand, rock fragments throughout, miost, moderately dense	0
14-	1041170	96		Brown very fine SAND and SILT, trace Clay, trace fine Sand, rock fragments throughout, miost, moderately dense	0
16					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/14/2004
End Date 02/14/2004

Boring ID SB-04-03-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040735	63		0" - 6" Concrete floor and crushed rock Orange-brown fine to very fine SAND, little Silt, rock fragments throughout, loose, moderately dense	11.1
2-	1040736	63		Yellow-orange fine to very fine SAND and SILT, most to wet, moderately dense	32
4-	1040737	80		Yellow-orange fine to very fine SAND and SILT, moist to wet, moderately dense	0.9
6-	1040738	75		Yellow-orange fine to very fine SAND, trace Silt, fractured rock throughout, moist, moderately dense Refusal at 7.9'	0.1
7.9					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 02/14/2004 **End Date** 02/14/2004	**Boring ID** **SB-04-03-02**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2	1040739	100		0" - 6" Concrete floor and rubble Orange-brown fine to very fine SAND, little Silt, fractured rock throughout, moist, moderately dense Refusal at 2'	0.2

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/14/2004
End Date 02/14/2004

Boring ID
SB-04-03-03

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040740	75		0" - 6" Concrete floor and concrete rubble Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, dense	1.9
2.00-		75		Pulverised rock and rock flour Refusal at 4'	
4.00					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 02/14/2004 **End Date** 02/14/2004	**Boring ID** **SB-04-03-04**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth **at** **Hours**		**Latitude**	
Depth **at** **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | |	1040741	63		0" - 6" Concrete floor and rubble 6" - 16" Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense 16" - 21" Pulverised rock and rock flour	0.0
2.00- | | | 4.00		63		Pulverised rock and rock flour Refusal at 4'	

GEOLOGIC BORING LOG

Project:		**Start Date** 02/29/2004	**Boring ID** SB-02-09-01
Commission Number	.	**End Date** 02/29/2004	
Client			
Location			
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth **at** **Hours**		**Latitude**	
Depth **at** **Hours**		**Longitude**	

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0.00-		22		0" - 10" Concrete floor and rubble	
|				Pulverised rock and rock flour	
|				Refusal at 1.5'	
1.5					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 02/29/2004	**Boring ID** SB-02-09-03
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 02/29/2004	
Location			
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040878	42		0" - 8" Concrete floor and rubble Light brown to gray fine to very fine SAND, trace Silt, trace Clay, trace medium to coarse Sand, rock fragments throughout, loose, moderately dense	0.0
2-	1040879	42		Light brown to gray fine to very fine SAND, trace Silt, trace Clay, trace medium to coarse Sand, rock fragments throughout, loose, moderately dense	0.0
4-	1040880	35		Light brown to gray fine to very fine SAND, trace Silt, trace Clay, trace medium to coarse Sand, rock fragments throughout, loose, moderately dense Rock in tip; Refusal at 7' 10"	0.0
7.8					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 03/28/2004 **End Date** 03/28/2004	**Boring ID** **SB-02-10-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Dave Brisson
Sampling Method	GP5400	**Drill Rig**	Geoprobe 6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1041117	50		0: - 14" Concrete 14" - 48" Orange-brown fine to very fine SAND and SILT, rock fragments present, dry, loose	0.0
4-	1041118	83		0" - 15" Orange-brown fine to very fine SAND and SILT, moist, moderately dense 15" - 20" Pulverised rock and rock flour Refusal at 6'	0.0
6					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 02/07/2004	**Boring ID** SB-03-01-02
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 02/07/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.	**Logged by** Dave Brisson		
Drilling Method Geoprobe - Direct Push	**Drilling Foreman** Jason Miller		
Sampling Method GP5400	**Drill Rig** 6610 DT		
Groundwater Observation	**Surface Elevation**		
Depth at Hours	**Latitude**		
Depth at Hours	**Longitude**		

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040566	54		0" - 10" Concrete and concrete rubble Gray to tan fine to very fine SAND and SILT, trace medium to coarse Sand, large Cobbles present, moist, loose	0.1
2-	1040567	54		0" - 10" Grey to tan fine to very fine SAND and SILT, trace medium to coarse Sand, large Cobbles present, moist, loose 10" - 13" Fracture ROCK with a 1" lens of orange very fine SAND and SILT, trace Clay, moderately dense	0.1
4.00- 4.25				Refusal at 4.25', no sample	

GEOLOGIC BORING LOG

Project:		**Start Date** 02/07/2004	**Boring ID** SB-03-01-01
Commission Number .		**End Date** 02/07/2004	
Client			
Location Baldwin Hardware			
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0.00- | | 1.5				0" - 10" Concrete and concrete rubble Pulverised rock Refusal at 1.5'	0.0

GEOLOGIC BORING LOG

Project:		**Start Date**	**Boring ID**
Commission Number .		02/07/2004	**SB-03-01-03**
Client		**End Date**	
Location Baldwin Hardware		02/07/2004	
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	direct push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0.00- | | 1.5				0" - 10" Concrete and concrete rubble Pulverised rock Refusal at 1.5'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/26/2004 **End Date** 02/26/2004	**Boring ID** **SB-03-02-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040817	56		Light brown fine to very fine SAND and SILT, fractured rock throughout, moist, moderately dense	0.0
2-	1040818	56		Light brown fine to very fine SAND and SILT, fractured rock throughout, moist, moderately dense	0.2
4-	1040819	25		Light brown fine to very fine SAND and SILT, fractured rock throughout, moist, moderately dense Pulverised rock in tip Refusal at 8'	0.0
8					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 02/26/2004 **End Date** 02/26/2004	**Boring ID** **SB-03-02-02**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040813	79		0" - 2" GRAVEL 2" - 19" Pulverised concrete -- concrete had a green tint	0.0
2-	1040814	79		Orange-brown fine to very fine SAND and SILT, rock fragments througout, moist, moderately dense	0.0
4-	1040815	54		Orange-brown fine to very fine SAND and SILT, rock fragments througout, moist, moderately dense	0.0
6-	1040816	54		Orange brown fine to very fine SAND and SILT, rock fragments througout, moist, moderately dense Wet at 11" Refusal at 8'	0.0
8					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 02/26/2004	**Boring ID** SB-03-02-03
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 02/26/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.	**Logged by** Dave Brisson		
Drilling Method Geoprobe - Direct Push	**Drilling Foreman** Alex Clarke		
Sampling Method GP5400	**Drill Rig** 6610 DT		
Groundwater Observation	**Surface Elevation**		
Depth at Hours	**Latitude**		
Depth at Hours	**Longitude**		

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | | 2.5	1040812	80		0" - 4" GRAVEL 4" - 14" Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 14" - 24" Pulverised rock and rock flour Refusal at 2.5'	0.0

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location Baldwin Hardware

Start Date 02/09/2004
End Date 02/09/2004

Boring ID
SB-04-01-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040590	75		0" - 8" Concrete floor and crushed stone Orange-brown fine to very fine SAND and SILT, trace medium Sand, moist, dense	1.0
2-	1040591	75		Orange-brown fine to very fine SAND and SILT, trace medium Sand, moist, dense	1.5
4-	1040592	100		0" - 8" Orange-brown fine to very fine SAND and SILT, trace medium Sand, moist, dense 8" - 12" Fractured rock Refusal at 5'	1.5
5					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/09/2004
End Date 02/09/2004

Boring ID
SB-04-02-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040596	96		0" - 8" Concrete and crushed stone 8" - 20" Orange-brown very fine to fine SAND and SILT, some medium to coarse Sand, moist, dense 20" - 24" Delapidated concrete 24" -33" Orange Brown very fine to fine SAND and SILT, some medium to coarse Sand, moist, dense	2.1
2-	1040597	96		0" - 8" Orange-brown very fine to fine SAND and SILT, some medium to coarse Sand, moist, dense 8" - 23" Orange-brown fine to very fine SAND and SILT, trace Clay, moist, dense	1.3
4-	1040598	92		Orange-brown fine to very fine SAND and SILT, trace Clay, moist, dense	1.5
6-	1040599	92		Orange-brown fine to very fine SAND and SILT, trace Clay, moist, dense	0.9
8-	1040600	92		Orange-brown fine to very fine SAND and SILT, trace Clay, moist, dense	1.0
10-	1040601	92		Orange yellow very fine SAND and SILT, trace fine Sand, fractured rock througout, moist, dense Refusal at 12'	1.4
12					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/09/2004
End Date 02/09/2004

Boring ID
SB-04-02-02

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040602	83		0" - 8" Concrete and crushed stone Orange-brown very fine SAND and SILT, little medium to coarse Sand, concrete pieces throughout, moist, dense (fill)	0.0
2-	1040603	83		0" - 18" Orange-brown very fine SAND and SILT, little medium to coarse Sand, concrete pieces throughout, moist, dense (fill) 18" - 20" Delapidated concrete (strong sulphur odour)	0.2
4-	1040604	75		Orange-yellow fine to very fine SAND and SILT, trace Clay, moist, dense	0.1
6-	1040605	75		0" - 14" Orange-yellow fine to very fine SAND and SILT, trace Clay, moist, dense 14" - 18" Orange-brown fine to very fine SAND, trace Silt, moist, loose	1.0
8-	1040606	79		Orange-yellow very fine to fine SAND and SILT, moist, moderately dense	0.0
10-	1040607	79		0" - 2" Rock flour and fragmented rock 2" - 6" Orange-yellow fine to very fine SAND and SILT, moist, moderately dense 6" - 19" Tan fine to very fine SAND and SILT, some fractured rock, moist, dense refusal at 12'	0.0
12					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/09/2004
End Date 02/09/2004

Boring ID
SB-04-02-03

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040608, 1040609	83		0" - 8" Concrete and crushed rock Orange-brown fine to very fine SAND and SILT, trace medium to coare Sand, trace medium to fine Gravel, moist, dense (fill)	364
2-	1040610	83		0" - 6" Orange-brown fine to very fine SAND and SILT, trace medium to coare Sand, trace medium to fine Gravel, moist, dense (fill) 6" - 10" Dilapidated concrete 10" - 20" Orange-yellow fine to very fine SAND and SILT, trace rock fragments, moist, moderately dense	70.9
4-	1040611	88		Orange-yellow fine to very fine SAND and SILT, trace rock fragments, moist, moderately dense	83.6
6-	1040612	88		0" - 10" Orange-yellow fine to very fine SAND and SILT, trace rock fragments, moist, moderately dense 10" - 26" Brown very fine SAND and SILT, trace Clay, trace fine Sand, moist, loose	68.0
8-	1040613	83		Yellow-orange very fine SAND and SILT, trace fine Sand, rock fragments throughout, moist, moderately dense	5.2
10-	1040614	83		Yellow-orange very fine SAND and SILT, trace fine Sand, rock fragments throughout, moist, moderately dense	0.8
12-	1040615	83		Yellow-orange very fine SAND and SILT, trace fine Sand, rock fragments throughout, moist, moderately dense; Refusal at 14'; Rock in tip	0.2
14					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/01/2004
End Date 03/01/2004

Boring ID SB-04-02-04

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by dave brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 CT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0.0-	1040900	83		0" - 4" Asphalt and subbase Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, moist, moderately dense	0.0
2.0-	1040901	83		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, moist, moderately dense	0.0
4.0-	1040902	81		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, moist, moderately dense	0.0
6.0-	1040903, 1040904	81		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, moist, moderately dense	0.0
8-	1040905	83		0" - 16" Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, moist, moderately dense 16" - 20" Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, moist, moderately dense, pulverised rock	0.0
10				Rock in tip; Refusal at 10'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/28/2004 **End Date** 02/28/2004	**Boring ID** **SB-04-06-01**
Drilling Contractor Loureiro Engineering Associates, Inc. **Drilling Method** Geoprobe - Direct Push **Sampling Method** GP5400 **Groundwater Observation** **Depth** at Hours **Depth** at Hours		**Logged by** Dave Brisson **Drilling Foreman** Alex Clarke **Drill Rig** 6610 CT **Surface Elevation** **Latitude** **Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040857	52		0" - 8" Concrete floor and rubble Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1040858	52		0" - 10" Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 10" - 12.5" Pulverised rock and rock flour	0.0
4.00- 7		30-36		Pulverised rock and rock flour Refusal at 7'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/28/2004 **End Date** 02/28/2004	**Boring ID** **SB-04-06-02**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 CT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040859	63		0" - 8" Concrete floor and rubble Orange-brown fine to very fine SAND and SILT, pulverised rock trhougout, moist, moderately dense to loose	0.0
2-	1040860	63		0: - 8" Orange-brown fine to very fine SAND and SILT, pulverised rock trhougout, moist, moderately dense to loose 8" - 15" Pulverised rock and rock flour Rock in tip; Refusal at 4.0'	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/14/2004
End Date 02/14/2004

Boring ID
SB-05-01-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040720	77		0" - 9" Concrete floor and concrete rubble Tan very fine to fine SAND and SILT, little Clay, rock fragments througout, moist, moderately dense	0.0
2-	1040721	77		0" - 4" Tan very fine to fine SAND and SILT, little Clay, rock fragments througout, moist, moderately dense 4" - 18.5" Orange-brown fine to very fine SAND, little Silt, moist, moderately dense	0.0
4-	1040722	79		Orange-brown fine to vry fine SAND, little medium to coarse Sand, trace fine Gravel, trace Silt, moist, moderately dense	0.0
6-	1040723	79		0" - 10" Orange-brown fine to vry fine SAND, little medium to coarse Sand, trace fine Gravel, trace Silt, moist, moderately dense 10" - 14" Asphalt 14" - 19" Orange-brown fine to vry fine SAND, little medium to coarse Sand, trace fine Gravel, trace Silt, moist, moderately dense	0.9
8-	1040724	60		Orange-brown very fine to fine SAND, trace Silt, rock fragments throughout, moist, loose	0.1
10-	1040725	60		Orange-brown very fine to fine SAND, trace Silt, rock fragments throughout, moist, loose	0.0
12-	1040726	95		Yellow-orange fine to very fine SAND and SILT, trace Clay, moist, moderately dense	0.0
14-	1040727	88		Yellow-orange fine to very fine SAND and SILT, trace Clay, moist, moderately dense	0.0
16					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/14/2004
End Date 02/14/2004

Boring ID SB-05-01-02

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040729, 1040728	92		0" - 6" Concrete floor Light gray fine to very fine SAND and SILT, trace Clay, trace medium to fine Gravel, moist, moderately dense	0.0
2-	1040730	92		Light gray fine to very fine SAND and SILT, trace Clay, trace medium to fine Gravel, moist, moderately dense	0.0
4-	1040731	81		Orange-brown very fine SAND and SILT, trace fine to medium Sand, rock fragments and Cobbles throughout, moist, moderately dense	0.0
6-	1040732	81		Orange-brown very fine SAND and SILT, trace fine to medium Sand, rock fragments and Cobbles throughout, moist, moderately dense	0.0
8-	1040733	69		0" - 9" Orange-brown very fine SAND and SILT, trace fine to medium Sand, rock fragments and Cobbles throughout, moist, moderately dense 9" - 13" Asphalt 13" - 16.5" Orange-brown very fine SAND and SILT, little fine Sand, rock fragments throughout, moist, moderately dense	0.0
10-	1040734	69		Orange-brown very fine SAND and SILT, little fine Sand, rock fragments throughout, moist, moderately dense Refusal at 12'	0.0
12					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/07/2004
End Date 03/07/2004

Boring ID SB-05-01-03

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by dave brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041026	96		0" - 6" Concrete floor Light brown to tan very fine to fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0
2-	1041027	96		Light brown to tan very fine to fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0
4-	1041028	83		Yellow-orange fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0
6-	1041029	83		Yellow-orange fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0
8-	1041030	96		Yellow-orange fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0
10-	1041031, 1041032	96		Yellow-orange fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0
12-	1041033	88		Yellow-orange fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0
14-	1041034	88		Yellow-orange fine to very fine SAND, trace Silt, weathered rock throughout, moist, loose	0
16					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 03/04/2004 **End Date** 03/04/2004	**Boring ID** **SB-05-01-04**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Hand Auger	**Drilling Foreman**	Dave Brisson
Sampling Method	Hand Auger	**Drill Rig**	Hand Auger
Groundwater Observation		**Surface Elevation**	
Depth **at** **Hours**		**Latitude**	
Depth **at** **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2	1040970	100		0" - 14" Concrete floor Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, loose Refusal at 2'	0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 03/04/2004 **End Date** 03/04/2004	**Boring ID** **SB-05-01-05**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	dave brisson
Drilling Method	Hand Auger	**Drilling Foreman**	Dave Brisson
Sampling Method	hand auger	**Drill Rig**	Hand Auger
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040968	100		0" - 14" Concrete floor Orange-brown fine to very fine SAND, little Silt, rock fragments present, moist, loose	0.0
2-	1040969	100		Orange-brown fine to very fine SAND with weathered rock and rock fragments, little Silt, moist, loose Refusal at 3.75'	0.0
3.75					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 03/02/2004	**Boring ID** SB-07-02-02
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 03/02/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.		**Logged by** Dave Brisson	
Drilling Method Hand Auger		**Drilling Foreman** Alex Clarke	
Sampling Method hand auger		**Drill Rig** Hand Auger	
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | |	1040917, 1040919	100		Orange-brown fine to very fine SAND, little Silt, rock fragments throughout, moist, loose	42.0
2- | | 3.5	1040918	100		Orange-brown fine to very fine SAND, little Silt, rock fragments throughout, moist, loose Refusal at 3.5'	12.9

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/15/2004
End Date 02/15/2004

Boring ID
SB-07-03-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth 7.11 **at** **Hours**
Depth **at** **Hours**

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040745	50		0" - 4" Concrete floor Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1040746	50		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4-	1040747	79		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
6-	1040748	79		0" - 10.5" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
V				10.5" - 17.5" Yellow-orange fine to very fine SAND and SILT, rock fragments throughout, wet, loose to moderately dense	
8				Refusal at 8'; Rock in tip	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/27/2004
End Date 02/27/2004

Boring ID
SB-07-03-02

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method hand auger
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040838	100		Light brown fine to very fine SAND and SILT, trace Clay, moist, moderately dense	0.0
2-	1040839	100		Light brown fine to very fine SAND and SILT, trace Clay, moist, moderately dense Refusal at 4'	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 02/27/2004 **End Date** 02/27/2004	**Boring ID** **SB-07-03-03**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	hand auger	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth **at** **Hours**		**Latitude**	
Depth **at** **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2	1040837	100		Yellow-orange to tan fine to very fine SAND and SILT, trace Clay, moist, moderately dense Refusal at 2.0'	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 02/27/2004	**Boring ID** SB-07-03-04
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 02/27/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.		**Logged by** Dave Brisson	
Drilling Method Hand Auger		**Drilling Foreman** Alex Clarke	
Sampling Method GP5400		**Drill Rig** Hand Auger	
Groundwater Observation		**Surface Elevation**	
Depth at Hours		**Latitude**	
Depth at Hours		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2	1040840	100		Brown fine to very fine SAND and SILT, trace Clay, trace Organics, moist, moderately dense Refusal at 2'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 02/08/2004	**Boring ID** SB-08-01-01
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 02/08/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.	**Logged by** Dave Brisson		
Drilling Method Hand Auger	**Drilling Foreman** Jason Miller		
Sampling Method Hand Auger	**Drill Rig** Hand Auger		
Groundwater Observation	**Surface Elevation**		
Depth at Hours	**Latitude**		
Depth at Hours	**Longitude**		

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2.25	1040575	100		0" - 10" Concrete floor and crushed stone Orange-brown very fine SAND and SILT, rock fragments present, trace fine to coarse Sand, moist, loose, Refusal at 2.25', Rock in tip of auger	1.1

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/08/2004 **End Date** 02/08/2004	**Boring ID** **SB-08-01-02**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Hand Auger	**Drilling Foreman**	Jason Miller
Sampling Method	Hand Auger	**Drill Rig**	Hand Auger
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0.00-	1040577	100		0" - 10" Concrete floor and crushed stone Yellow-orange very fine SAND and SILT, trace medium to fine Sand, rock fragments present, moist, loose	0.6
2.00-	1040578	100		Orange-yellow very fine SAND and SILT, trace Clay, moist, moderately dense	5.4
3.25				Refusal at 3.25'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/08/2004 **End Date** 02/08/2004	**Boring ID** **SB-08-01-03**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Hand Auger	**Drilling Foreman**	Jason Miller
Sampling Method	Hand Auger	**Drill Rig**	Hand Auger
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040579	100		0" - 10" Concrete floor and rock fragments Yellow-orange very fine SAND and SILT, trace fine to medium Sand, moist, loose	0.4
2.00- 2.5		100		Yellow-orange very fine SAND and SILT, trace fine to medium Sand, moist, loose Refusal at 2.5'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/07/2004
End Date 02/07/2004

Boring ID
SB-04-04-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040564	63		0" - 10" Concrete 10" - 22" Yellow-orange very fine SAND and SILT, trace Clay, trace fine to medium Sand, moist, moderately dense	0.6
2-	1040565	63		0" - 10" Yellow-orange very fine SAND and SILT, trace Clay, trace fine to medium Sand, moist, moderately dense 10" - 13" Brown very fine SAND and SILT, trace Clay, trace medium to fine Sand, moist, moderately dense 13" - 15" Pulverised rock Refusal at 4'	0.6
4					

GEOLOGIC BORING LOG

Project:
Commission Number .
Client
Location Baldwin Hardware

Start Date 02/07/2004
End Date 02/07/2004

Boring ID
SB-04-04-02

Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0.00-		50		Concrete and concrete rubble	
0.80-		50		Yellow-orange very fine SAND and SILT, trace Clay, moist, moderately dense	
0.90-		50		Pulverised ROCK fragments	
|				Refusal at 2.0'	
2					

GEOLOGIC BORING LOG

Project:		**Start Date** 02/07/2004	**Boring ID** SB-04-04-03
Commission Number .		**End Date** 02/07/2004	
Client			
Location Baldwin Hardware			
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0.00-		33		Concrete and concrete rubble	
0.80- | | | 3.0		33		Pulverised ROCK, trace amounts of fine Sand, no sample collected green to aqua coloration on faces of fractured rock at bottom of sample tube. Refusal at 3'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 02/08/2004	**Boring ID** SB-04-05-01
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 02/08/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.		**Logged by**	Dave Brisson
Drilling Method Hand Auger		**Drilling Foreman**	Jason Miller
Sampling Method Hand Auger		**Drill Rig**	Hand Auger
Groundwater Observation		**Surface Elevation**	
Depth at Hours		**Latitude**	
Depth at Hours		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2.1	1040580	100		0" - 10" Concrete floor and crushed rock Orange-brown very fine SAND and SILT, trace fine to medium Sand, rock fragments throughout, moist, loose Refusal at 2.1'	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/08/2004
End Date 02/08/2004

Boring ID SB-04-05-02

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Hand Auger
Sampling Method Hand Auger
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig Hand Auger
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040581	100		0" - 8" Concrete floor and crushed rock Orange-brown to yellow orange very fine SAND and SILT, trace fine to coarse Sand, rock fragments throughout, moist, loose to moderately dense	1.1
2-	1040582	100		0" - 22" Orange-brown to yellow orange very fine SAND and SILT, trace fine to coarse Sand, rock fragments throughout, moist, loose to moderately dense 22" - 24" Brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense	0.9
4-	1040583	100		0" - 19" Brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense 19" - 24" Yellow-orange fine to very fine SAND and SILT, trace Clay, rock fragments present, moist, dense	1.2
6				Refusal at 6'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 02/08/2004
End Date 02/08/2004

Boring ID
SB-04-05-03

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040585, 1040576	79		0" - 10" Concrete floor and rock fragments Orange-yellow very fine SAND and SILT, trace fine to medium Sand, rock fragments present, moist, moderately dense	0.0
2-	1040586	79		0" - 10" Orange-yellow very fine SAND and SILT, trace fine to medium Sand, rock fragments present, moist, moderately dense 10" - 19" Yellow-orange very fine SAND and SILT, trace fine to medium Sand, moist, dense	0.0
4-	1040587	100		Yellow-orange very fine SAND and SILT, trace fine to medium Sand, moist, dense; Refusal at 6'; Rock in tip	0.2
6					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location Baldwin Hardware

Start Date 02/09/2004
End Date 02/09/2004

Boring ID SB-06-01-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040616	88		0" - 4" Concrete Orange-yellow very fine SAND and SILT, trace fine to medium Sand, rock framents throughout, moist, dense	0.0
2-	1040617	88		Orange-yellow very fine SAND and SILT, trace fine to medium Sand, rock framents throughout, moist, dense	0.0
4-	1040618	83		0" - 18" Orange-yellow very fine SAND and SILT, trace fine to medium Sand, rock framents throughout, moist, dense 18" - 24" Pulverised rock Refusal at 6'	0.0
6					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location Baldwin Hardware

Start Date 03/01/2004
End Date 03/01/2004

Boring ID SB-06-02-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 CT
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040906	83		0" - 6" Asphalt and subbase Orange-brown fine to very fine SAND and SILT, rock fragments throughout	0
2-	1040907	83		Orange-brown fine to very fine SAND and SILT, rock fragments throughout	0
4-	1040908	79		0" - 14" Gray fine to very fine SAND and SILT, trace organic material, moist, moderately dense 14" - 19" Brown fine to very fine SAND, some Silt, moist, dense	0
6-	1040909	79		Brown fine to very fine SAND, some Silt, moist, dense	0
8-	1040910	100		Brown fine to very fine SAND, some Silt, moist, dense	0
10-	1040911	100		Brown fine to very fine SAND, some Silt, moist, dense	0
12-	1040912	96		Brown fine to very fine SAND, some Silt, moist, dense	0
14-	1040913	96		0" - 15" Gray very fine SAND and SILT, little Clay (weathered rock), moist, moderately dense 15" - 23" Orange-brown fine SAND, moist, loose Rock in tip; Refusal at 16'	0
16					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 02/26/2004	**Boring ID** SB-06-04-01
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 02/26/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.	**Logged by** Dave Brisson		
Drilling Method Geoprobe - Direct Push	**Drilling Foreman** Alex Clarke		
Sampling Method GP5400	**Drill Rig** 6610 DT		
Groundwater Observation	**Surface Elevation**		
Depth at Hours	**Latitude**		
Depth at Hours	**Longitude**		

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | 1.5	1040807	89		0" - 4" Dark gray fine to coarse SAND and GRAVEL, saturated, loose 4" - 16" Pulverised rock and rock flour Refusal at 1.5'	0.0

GEOLOGIC BORING LOG

Project:		**Start Date** 03/02/2004	**Boring ID** SB-06-04-02
Commission Number		**End Date** 03/02/2004	
Client			
Location	Baldwin Hardware		
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0.00- | | | 2.00				8" Concrete floor and rubble Pulverised rock and rock flour Refusal at 2'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 02/12/2004
End Date 02/12/2004

Boring ID
SB-07-01-01

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040688	92		0" - 4" Asphalt Yellow-orange very fine to fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.3
2-	1040659	92		Yellow-orange very fine to fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.1
4-	1040660	83		Yellow-orange fine to very fine SAND, trace Silt, moist, moderately dense to loose	0.1
6-	1040661	83		Yellow-orange fine to very fine SAND, trace Silt, moist, moderately dense to loose	0.1
8-	1040662	77		Yellow-orange fine to very fine SAND and SILT, gray Clay (weathered rock) throughout, moist, moderately dense	0.1
10-	1040663	77		Yellow-orange fine to very fine SAND and SILT, gray Clay (weathered rock) throughout, moist, moderately dense	0.1
12					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 02/12/2004
End Date 02/12/2004

Boring ID
SB-07-01-02

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040664, 1040665	96		0" - 3" Asphalt Yellow-orange very fine SAND and SILT, little fine Sand, little rock fragments, moist, moderately dense	
2-	1040666	96		Yellow-orange very fine SAND and SILT, little fine Sand, little rock fragments, moist, moderately dense	
4.00-		83		Pulverised rock and rock flour Refusal at 6'	
6.00					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 03/05/2004
End Date 03/05/2004

Boring ID SB-07-01-03

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040973	83		0" - 4" Asphalt and subbase Orange-brown fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0.0
2-	1040974	83		Orange-brown fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0.0
4-	1040975	92		Orange-brown fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0.0
6-	1040976	92		Orange-brown fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0.0
8-	1040977	85		Orange-brown fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0.0
10-	1040978	85		0" - 16.5" Orange-brown fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense 16.5" - 20.5" Orange-brown fine to very fine SAND and SILT, trace Clay, rock fragments throughout, weathered rock, moist, moderately dense	0.0
12-	1040979	92		0" - 20" Weathered rock 20" - 22" Pulverised rock and rock flour Refusal at 14'	0.0
14					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Hand Auger
Sampling Method hand auger
Groundwater Observation
Depth at **Hours**
Depth at **Hours**

Start Date 03/02/2004
End Date 03/02/2004

Boring ID
SB-07-02-01

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Hand Auger
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0- | | |	1040920	100		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	5.2
2- | 3	1040921	100		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense Refusal at 3'	5.4

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/26/2004
End Date 02/26/2004

Boring ID SB-08-01-04

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Hand Auger
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by dave brisson
Drilling Foreman Alex Clarke
Drill Rig Hand Auger
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040810	79		Orange-brown fine to very fine SAND, little Silt, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense	0.8
2-	1040811	79		Orange-brown fine to very fine SAND, little Silt, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Hand Auger
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 02/29/2004
End Date 02/29/2004

Boring ID SB-08-02-01

Logged by dave brisson
Drilling Foreman Alex Clarke
Drill Rig Hand Auger
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040864	50		0" - 6" Concrete floor and rubble Yellow-orange fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1040865	50		Yellow-orange fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4-	1040866	63		Yellow-orange fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense Wet at 11"	750
6-	1040867	63		Yellow-orange fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense Refusal at 7.75'	480
7.75					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 02/26/2004
End Date 02/26/2004

Boring ID
SB-08-02-02

Logged by dave brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
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4-	1040868	42		0" - 6" Concrete floor and rubble	1.7
|				6" - 14" " Yellow-orange to orange-brown fine to very fine SAND, little Silt, trace medium to coarse Sand, rock fragments throughout	
|				14" - 16" Pulverised rock and rock flour	
|				Refusal at 2'	
6					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 02/26/2004
End Date 02/26/2004

Boring ID
SB-09-01-01

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040802	96		Light brown fine to very fine SAND, trace medium to coarse Sand, trace Silt, pulverised rock fragments throughout, moist, loose	0.0
2-	1040803, 1040804	96		Yellow-orange fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/26/2004 **End Date** 02/26/2004	**Boring ID** **SB-09-01-02**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040805	96		Orange-brown fine to very fine SAND, little Silt, rock fragments throughout, moist, moderately dense	0.0
2-	1040806	96		Orange-brown fine to very fine SAND, little Silt, rock fragments throughout, moist, moderately dense	0.0
4.00-		38		Pulverised rock and rock flour Refusal at 8'	
6.00					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 02/25/2004 **End Date** 02/25/2004	**Boring ID** **SB-09-01-03**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	dave brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040798	54		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1040799	117		Orange-brown fine to very fine SAND, trace Silt, moist, moderately dense	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/25/2004
End Date 02/25/2004

Boring ID SB-09-01-04

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040793	69		Orange-brown fine to very fine SAND and SILT, asphalt pieces and traprock throughout, moist to saturated, moderately dense	0.0
2-	1040794	69		Orange-brown fine to very fine SAND and SILT, asphalt pieces and traprock throughout, moist to saturated, moderately dense	0.0
4-	1040795, 1040796	96		Yellow-orange fine to very fine SAND and SILT, moist, moderately dense	0.0
6-	1040797	96		Yellow-orange fine to very fine SAND and SILT, moist, moderately dense	0.0
8					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/25/2004 **End Date** 02/25/2004	**Boring ID** **SB-09-01-05**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth 0.25 **at**	**Hours**	**Latitude**	
Depth **at**	**Hours**	**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- V	1040791	54		0" - 3" Topsoil 3" - 13" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, asphalt in sample, wet, moderately dense	0.0
2-	1040792	54		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, wet, moderately dense	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 03/28/2004	**Boring ID** SB-09-01-06
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 03/28/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.	**Logged by** dave brisson		
Drilling Method Hand Auger	**Drilling Foreman** Dave Brisson		
Sampling Method Hand Auger	**Drill Rig** Hand Auger		
Groundwater Observation	**Surface Elevation**		
Depth at **Hours**	**Latitude**		
Depth at **Hours**	**Longitude**		

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2	1041120	100		Gray to greenish gray fine to very fine SAND, some Silt, some Clay, trace medium to coarse Gravel, wet, loose Refusal at 2'	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 02/07/2004
End Date 02/07/2004

Boring ID SB-10-01-01

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040568, 1040569	88		0" - 10" Concrete Gray pulverised stone and fine to coarse SAND, trace Cobbles, dry, loose	1.0
2-	1040570	88		0" - 17" Gray pulverised stone and fine to coarse SAND, trace Cobbles, dry, loose 17" - 21" Orange-yellow very fine SAND and SILT, some coarse to fine Sand, trace Clay, moist, moderately dense	1.1
4-	1040571	80		Orange-yellow very fine SAND and SILT, some coarse to fine Sand, trace Clay, moist, moderately dense	1.0
5.25				Refusal at 5.25'; Rock in tip	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/07/2004
End Date 02/07/2004

Boring ID SB-10-02-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040572	67		0" - 10" Concrete and concrete rubble	1.0
|				Dark grey very fine SAND and SILT, some coarse to fine Sand, some Gravel, moist, moderately dense	
|				Refusal at 2.0'	
|					
2					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/13/2004
End Date 02/13/2004

Boring ID SB-10-03-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040689	75		0" - 3" Topsoil 3" - 18" Orange-brown to light brown fine to very fine SAND and SILT, rock fragments througout, moist, moderately dense	0.0
2-	1040690	75		Orange-brown to light brown fine to very fine SAND and SILT, rock fragments througout, moist, moderately dense	0.0
4-	1040691	25		0" - 4" Orange-brown to light brown fine to very fine SAND and SILT, rock fragments througout, moist, moderately dense 4" - 12" Pulverised rock and rock flour	0.0
8.00-		50		Pulverised rock and rock flour Refusal at 11'	
11					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 02/13/2004
End Date 02/13/2004

Boring ID SB-10-04-01

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040700	75		Orange-brown fine to very fine SAND and SILT, trace medium to coare Gravel, moist, loose	0.0
2-	1040701	75		0" - 4" Pulverised concrete 4" - 16" Pulverised rock and rock flour	0.0
4-	1040702, 1040703	79		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
6-	1040704	79		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
8-	1040705	83		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
10-	1040706	83		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
12-	1040707	75		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense Refusal at 14', rock in tip	0.0
14					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 04/27/2004
End Date 04/27/2004

Boring ID
SB-10-04-02

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0.00-	1041171	79		Light brown fine to very fine SAND, little Silt, pulverised rock and rock fragments throughout, moist, loose to moderately dense	0
2.00-	1041172	79		Light brown fine to very fine SAND, little Silt, pulverised rock and rock fragments throughout, moist, loose to moderately dense	0
4.00-	1041173	58		Light brown fine to very fine SAND, little Silt, pulverised rock and rock fragments throughout, moist, loose to moderately dense	0
6.00-	1041174	58		0" - 12" Light brown fine to very fine SAND, little Silt, pulverised rock and rock fragments throughout, moist, loose to moderately dense 12" - 14" Gray fine to coarse GRAVEL, some fine to coarse Sand, trace Silt, moist, loose	0
8-	1041175	33		Brown fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0
10.00-		4		Rock in tip; no sample	
14					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 04/27/2004 **End Date** 04/27/2004	**Boring ID** **SB-10-04-03**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	Macro Core	**Drill Rig**	Geoprobe 6610DT
Groundwater Observation		**Surface Elevation**	
Depth **at** **Hours**		**Latitude**	
Depth **at** **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1041176	63		0" - 10" Gray crushed stone 10" - 15" Brown fine to very fine SAND, trace Silt, trace fine to coarse Gravel, moist, loose	0
2-	1041177	63		Brown fine to very fine SAND, trace Silt, trace fine to coarse Gravel, moist, loose	0
4-	1041178	83		Brown fine to very fine SAND, trace Silt, trace fine to coarse Gravel, moist, loose	0
6- 7	1041181	83		Brown fine to very fine SAND, trace Silt, trace fine to coarse Gravel, moist, loose Refusal at 7.0'	0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 02/27/2004	**Boring ID** SB-10-06-01
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 02/27/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.		**Logged by** Dave Brisson	
Drilling Method Geoprobe - Direct Push		**Drilling Foreman** Alex Clarke	
Sampling Method GP5400		**Drill Rig** 6610 DT	
Groundwater Observation		**Surface Elevation**	
Depth at Hours		**Latitude**	
Depth at Hours		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040831	83		0" - 6" Topsoil Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1040832	83		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4-	1040833	96		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
6-	1040834	96		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
8-	1040835	83		Yellow-orange fine to very fine SAND, little Silt, rock fragments throughout, moist, moderately dense	0.0
10-	1040836	83		Yellow-orange fine to very fine SAND, little Silt, rock fragments throughout, moist, moderately dense	0.0
12.00- 13		67		Pulverised rock Refusal at 13'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 02/26/2004	**Boring ID** SB-10-07-01
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 02/26/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.		**Logged by** dave brisson	
Drilling Method Geoprobe - Direct Push		**Drilling Foreman** Alex Clarke	
Sampling Method GP5400		**Drill Rig** 6610 DT	
Groundwater Observation		**Surface Elevation**	
Depth at Hours		**Latitude**	
Depth at Hours		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040827	67		0" - 6" Asphalt and subbase 6" - 16" Yellow-orange fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1040828	67		0" - 13" Yellow-orange fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 13" - 16" Rock flour Refusal at 4'	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 08/19/2004
End Date 08/19/2004

Boring ID SB-10-08-13

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro-Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Alex Clarke
Drilling Foreman Dave Brisson
Drill Rig Geoprobe 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	N.S.			0-12" ASPHALT (FILL)	N.T.
1-	1051490	75		Brown to light brown fine to very fine SAND and GRAVEL, trace fractured rock, moist, moderately dense	0.0
4-	1051491	75		Brown to light brown fine to very fine SAND and GRAVEL, trace fractured rock, moist, moderately dense	0.0
6-	1051492	75		0" - 10" Slough 10" - 12" Brown to dark brown fine to very fine SAND, trace fine to very fine Gravel, moist, moderately dense	0.0
8-	1051493	100		Brown to dark brown fine to very fine SAND, trace fine to very fine Gravel, moist, moderately dense	0.0
10-	1051494	100		Light brown to orange-brown fine to very fine SAND, trace Silt, trace fine Gravel, moist, moderately dense	0.0
12-	1051495	100		Light brown to orange-brown fine to very fine SAND, trace Silt, trace fine Gravel, moist, moderately dense	0.0
13-	N.S.	100		Dark to black-brown fine to very fine SAND, trace Silt, trace fine Gravel, trace organics, moist, moderately dense	N.T.
14-	1051496	100		Dark to black-brown fine to very fine SAND, trace Silt, trace fine Gravel, trace organics, moist, moderately dense	0.0
16				End of Boring at 16.0 feet	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 08/19/2004
End Date 08/19/2004

Boring ID SB-10-08-14

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro-Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Alex Clarke
Drilling Foreman Dave Brisson
Drill Rig Geoprobe 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1051482	75		Brown to light brown fine to very fine SAND, trace Silt, trace rock fragments, moist, moderately dense	0.0
2-	1051483	75		Brown to light brown fine to very fine SAND, trace Silt, trace rock fragments, moist, moderately dense	0.0
4-	1051484	75		Light to orange-brown fine to very fine SAND, trace Silt, trace Gravel, moist, dense	0.0
6-	1051485	75		Light to orange-brown fine to very fine SAND, trace Silt, trace Gravel, moist, dense	0.0
8-	1051486	100		Light to orange-brown fine to very fine SAND, trace Silt, trace Gravel, moist, dense	0.0
10-	1051487	100		Brown to dark brown fine to very fine SAND and SILT, some organic matter, dense, moist	0.0
12-	1051488	88		Brown to dark brown fine to very fine SAND and SILT, some organic matter, dense, moist	0.0
14-	1051489	88		0" - 16" Brown to dark brown fine to very fine SAND and SILT, some organic matter, dense, moist 16" - 24" Dark brown fine to very fine SAND, trace Silt, trace organic matter, moist, dense	0.0
16				End of Boring at 15.5 feet	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 04/27/2004
End Date 04/27/2004

Boring ID
SB-10-04-04

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041182	75		Brown fine to very fine SAND, some Silt, little coarse to fine Gravel, trace asphalt pieces, moist, moderately dense	0
2-	1041183	75		Brown fine to very fine SAND, some Silt, little coarse to fine Gravel, trace asphalt pieces, moist, moderately dense	0
4-	1041184	79		Light brown fine to very fine SAND, some coarse to fine Gravel, little Silt, pulverised rock throughout, moist, loose to moderately dense	0
6-	1041185	79		Light brown fine to very fine SAND, some coarse to fine Gravel, little Silt, pulverised rock throughout, moist, loose to moderately dense	0
8-	1041186	91		Brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
10-	1041187	91		Brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense Refusal at 11.75'	0
11.75					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 04/27/2004
End Date 04/27/2004

Boring ID
SB-10-04-05

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041188	60		0" - 6" Topsoil 6" - 19.5" Brown fine to very fine SAND, trace Silt, trace fine to coarse Gravel, moist, loose	0
2-	1041189	60		Brown fine to very fine SAND, trace Silt, trace fine to coarse Gravel, moist, loose	0
4-	1041190	69		Brown fine to very fine SAND, trace Silt, trace fine to coarse Gravel, moist, loose	0
6-	1041191	69		Brown fine to very fine SAND, trace Silt, trace fine to coarse Gravel, moist, loose	0
8-	1041192	83		Strong brown very fine SAND and SILT, trace organics, trace Clay, moist, moderately dense	0
8.80-		83		Brown very fine to fine SAND and SILT, trace Clay, moist, moderately dense	
10-	1041193	83		Brown very fine to fine SAND and SILT, trace Clay, moist, moderately dense Refusal at 12.0'	0
12					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 07/31/2004
End Date 07/31/2004

Boring ID
SB-10-04-06

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400 - LEA 97
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1051021	79		Brown fine to very fine SAND, little fine to coarse Gravel, little rock fragments, moist, loose	0.0
2-	1051022	79		Orange-brown fine to very fine SAND, little Silt, pulverised rock in bottom 6"	0.0
4-	1051023	73		Light brown very fine SAND and SILT, pulverised rock throughout, moist, loose to moderately dense	0.0
6-	1051024	73		Light brown very fine SAND and SILT, pulverised rock throughout, moist, loose to moderately dense	0.0
8-	1051025	83		Light brown very fine SAND and SILT, pulverised rock throughout, moist, loose to moderately dense	0.0
10-	1051026	83		Light brown very fine SAND and SILT, pulverised rock throughout, moist, loose to moderately dense	0.0
12-	1051027	92		Light brown very fine SAND and SILT, pulverised rock throughout, moist, loose to moderately dense Refusal at 14'	0.0
14					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 07/31/2004 **End Date** 07/31/2004	**Boring ID** **SB-10-04-07**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	Macro Core	**Drill Rig**	Geoprobe 5400 - LEA 97
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1051047	75		Brown fine to very fine SAND, little Silt, trace medium to coarse Gravel, moist, loose to moderately dense	0.0
2-	1051048	75		Brown fine to very fine SAND, little Silt, trace medium to coarse Gravel, moist, loose to moderately dense	0.0
4-	1051049	28		Brown fine to very fine SAND, little Silt, trace medium to coarse Gravel, moist, loose to moderately dense Refusal at 7'	0.0
7					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 07/31/2004
End Date 07/31/2004

Boring ID
SB-10-04-08

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400 - LEA 97
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0.00-		92		Asphalt	
0.5-	1051028	92		Brown very fine SAND and SILT, pulverised rock throughout, moist, moderately dense	0.0
2.2-	1051029	92		0" - 14" Brown very fine SAND and SILT, pulverised rock throughout, moist, moderately dense 14" - 16" Gray-brown fine to very fine SAND and SILT	0.0
4-	1051030	79		Orange-brown very fine SAND and SILT, trace fine Sand, rock fragments throughout, moist, moderately dense	0.0
6-	1051031	79		Orange-brown very fine SAND and SILT, trace fine Sand, rock fragments throughout, moist, moderately dense	0.0
8-	1051032	77		Orange-brown very fine SAND and SILT, trace fine Sand, rock fragments throughout, moist, moderately dense	0.0
10-	1051033	77		0" - 10.5" Orange-brown very fine SAND and SILT, trace fine Sand, rock fragments throughout, moist, moderately dense 10.5" - 18.5" Brown fine to very fine SAND and SILT, moist, moderately dense	0.0
12-	1051034	92		Brown fine to very fine SAND and SILT, trace fine to medium Gravel, moist, moderately dense	0.0
14-	1051035	92		Brown fine to very fine SAND and SILT, trace fine to medium Gravel, moist, moderately dense	0.0
16					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 07/31/2004
End Date 07/31/2004

Boring ID
SB-10-04-09

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400 - LEA 97
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0.00-		79		Asphalt and traprock	
0.8-	1051036	79		Brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2.4-	1051037	79		Orange-brown very fine SAND and SILT, trace fine Sand, rockfragments througout, moist, moderately dense	0.0
4-	1051038	71		Orange-brown very fine SAND and SILT, trace fine Sand, rockfragments througout, moist, moderately dense	0.0
6-	1051039	71		Orange-brown very fine SAND and SILT, trace fine Sand, rockfragments througout, moist, moderately dense	0.0
8-	1051040	42		Orange-brown very fine SAND and SILT, trace fine Sand, rockfragments througout, moist, moderately dense	0.0
12-	1051041	83		Brown very fine SAND and SILT, trace medium to fine Sand, trace Gravel, trace organics, moist to wet, loose	0.0
14-	1051042	83		Orange-brown very fine SAND and SILT, trace medium to fine Sand, trace Gravel, moist, moderately dense	0.0
16					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 07/31/2004
End Date 07/31/2004

Boring ID
SB-10-04-10

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400 - LEA 97
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1051043	75		0" - 4" Pulverised rock 4" - 18" Brown fine to very fine SAND and SILT, trace medium to coarse Gravel, moist, moderately dense	0.0
2-	1051044	75		0" - 4" Brown fine to very fine SAND and SILT, trace medium to coarse Gravel, moist, moderately dense 4" - 10" Pulverised rock 10" - 18" brown fine to very fine SAND and SILT, trace medium to coarse Gravel, moist, moderately dense	0.0
4-	1051045	92		Brown fine to very fine SAND and SILT, trace medium to coarse Gravel, moist, moderately dense	0.0
6-	1051046	92		Brown fine to very fine SAND and SILT, trace medium to coarse Gravel, moist, moderately dense Rock in tip; Refusal at 8'	0.0
8					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 08/19/2004	**Boring ID** SB-10-04-11
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 08/19/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.	**Logged by** alex clarke		
Drilling Method Geoprobe - Direct Push	**Drilling Foreman** Dave Brisson		
Sampling Method Macro Core	**Drill Rig** Geoprobe 6610DT		
Groundwater Observation	**Surface Elevation**		
Depth at Hours	**Latitude**		
Depth at Hours	**Longitude**		

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
. . .					
2-	1051471	75		0" - 4" Asphalt 4" - 12" Light brown fine to very fine SAND, trace rock fragments, moist, moderately dense 12" - 18" Fractured rock	0.0
4-	1051472	75		0" - 6" Fractured rock 6" - 12" Fine to very fine SAND and SILT, trace fine to very fine Gravel, moist, moderately dense	0.0
6-	1051473	75		Fine to very fine SAND and SILT, trace fine to very fine Gravel, moist, moderately dense	0.0
8-	1051474	100		Brown to light brown very fine to fine SAND, some fine to very fine Gravel, trace Silt, trace rock fragments, moist, moderately dense	0.0
10-	1051475	100		0" - 20" Brown to light brown very fine to fine SAND, some fine to veryf ine Gravel, trace Silt, trace rock fragments, moist, moderately dense 20" - 24" Fractured rock	0.0
12-	1051470	75		0" - 18" Brown to light brown fine to very fine SAND, trace rock fragments, moist, moderately dense	0.0
14					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 08/19/2004
End Date 08/19/2004

Boring ID
SB-10-04-12

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Alex Clarke
Drilling Foreman Dave Brisson
Drill Rig Geoprobe 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1051476	75		Light brown fine to veryf ine SAND and GRAVEL, trace fractured rock, moist, moderately dense	0.0
2-	1051477	75		0" - 12" Gray brown fine to coarse SAND and GRAVEL, trace fractured rock, loose 12" - 18" Brown to dark brown fine to very fine SAND, trace Silt, moist, moderately dense 18" - 24" Fractured rock	0.0
4-	1051478	88		Light brown to orange brown fine to very fine SAND, trace fractured rock, moist, moderately dense	0.0
6-	1051479	88		Light brown to orange brown fine to very fine SAND, trace fractured rock, moist, moderately dense	0.0
8-	1051480	88		Light brown to orange brown fine to very fine SAND, trace fractured rock, moist, moderately dense	0.0
10-	1051481	88		Whitish-brown fine to very fine SAND and GRAVEL, fractured rock throughout, moderately loose, dry	0.0
12					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 02/28/2004 **End Date** 02/28/2004	**Boring ID** **SB-10-05-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 CT
Groundwater Observation		**Surface Elevation**	
Depth **at** **Hours**		**Latitude**	
Depth **at** **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | |	1040850	85		0" - 6" Concrete floor and rubble Light brown to orange-brown fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moderately dense, strong odor	127
2.1- | | 3.9	1040851, 1040852			Light brown to orange-brown fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moderately dense, strong odor Rock in tip; Refusal at 3' 11"	17.5

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/28/2004
End Date 03/28/2004

Boring ID
SB-10-05-02

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Hand Auger
Sampling Method Hand Auger
Groundwater Observation
Depth at **Hours**
Depth at **Hours**

Logged by Dave Brisson
Drilling Foreman Dave Brisson
Drill Rig Hand Auger
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041119	100		0" - 6" Concrete	40.1
|				6" - 22" Crushed stone (oil on surfaces)	
|				22" - 24" Orange-brown fine to very fine SAND, moist, moderately dense	
|				Refusal at 2'	
2					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 08/15/2004
End Date 08/15/2004

Boring ID
SB-10-05-04

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Hand Auger
Sampling Method Hand Auger
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman C. Scott Brown
Drill Rig Hand Auger
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0.00-				Concrete	
0.5-	1051447	100		Brown fine to very fine SAND and SILT, rock fragments present, moist, moderately dense	3.1
0.80-				Pulverised ROCK	
|				Refusal at 1.5'	
2.0					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 08/15/2004 **End Date** 08/15/2004	**Boring ID** **SB-10-05-07**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	C. Scott Brown
Sampling Method	Macro Core	**Drill Rig**	Geoprobe 6610DT
Groundwater Observation		**Surface Elevation**	
Depth **at** **Hours**		**Latitude**	
Depth **at** **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0.00-				Concrete	
00.5- | | 2	1051446	89		Brown fine to very fine SAND and SILT, rock fragments througout, moist, moderately dense Refusal at 2'	8.8

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 08/15/2004	**Boring ID** SB-10-05-08
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 08/15/2004	
Location			
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	C. Scott Brown
Sampling Method	Macro Core	**Drill Rig**	Geoprobe 6610DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0.00-				Concrete	
0.50-	1051444	86		Pulverised ROCK and rock flour, trace orange-brown fine to very fine SAND and SILT, moist, dense Refusal at 1.75'	0.0
|					
|					
2					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 08/15/2004 **End Date** 08/15/2004	**Boring ID** **SB-10-05-09**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	C. Scott Brown
Sampling Method	Macro Core	**Drill Rig**	Geoprobe 6610DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0.00-				Concrete	
0.3-	1051445	57		0" - 4" Orange-brown fine to very fine SAND and SILT, trace medium to fine Gravel, moist, moderately dense	0
0.9- 1.5		57		Pulverised ROCK and rock flour Refusal at 1.5'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/24/2004
End Date 03/24/2004

Boring ID SB-12-01-03

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041077	88		0" - 4" Concrete 4" - 8" Orange-brown fine to very fine SAND, little Silt, rock fragments throughout, moist, moderately dense 8" - 21" Dilapidated concrete	0.0
2-	1041078	88		Yellow-orange fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4-	1041079	96		0" - 6" Dark brown fine to very fine SAND, little Silt, moist, moderately dense 6" - 23" Brown fine to very fine SAND and SILT, moist, moderately dense	0.0
6-	1041080	96		Brown fine to very fine SAND and SILT, moist, moderately dense	0.0
8-	1041081	88		Yellow-orange to orange-brown fine to very fine SAND and SILT, moist, moderately dense	1.6
10-	1041082	88		Yellow-orange to orange-brown fine to very fine SAND and SILT, moist, moderately dense	0.0
12					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 03/25/2004
End Date 03/25/2004

Boring ID
SB-12-01-04

Logged by Alex Clarke
Drilling Foreman Dave Brisson
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041083	90		0" - 6" Asphalt 6" - 14" Pulverised rock and rock flour 14" - 19" Brownish-orange fine SAND and SILT, moist	0.0
2-	1041084	90		0" - 6" Dark brown fine SAND and SILT 6" - 12" Light brown with orange hue fine SAND and SILT 12" - 18" Pulverised concrete, dilapidated 18" - 21.5" Dark orange fine SAND	0.0
4-	1041085	100		0" - 6" Light orange fine to very fine SAND and SILT 6" - 12" Light brown very fine SAND and SILT 12" - 15" Dark brown with greenish hue very fine SAND and SILT with fragmented rock 15" - 24" Dark brown very fine SAND	0.0
6-	1041086	100		0" - 6" Dark brown very fine SAND and SILT 6" - 24" Light brown with orange hue very fine SAND and SILT, moist	0.0
8					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 04/28/2004
End Date 04/28/2004

Boring ID SB-12-01-05

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0.00-		83		0" - 4" Asphalt 4" - 10" Brown fine to very fine SAND and SILT, asphalt pieces throughout 10" - 20" Asphalt	
2-	1041239	83		Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
4-	1041240	98		Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	
6-	1041241	98		Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	
8-	1041242			Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	
10-	1041243			Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	
12.00- 12.75				Refusal at 12.75'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 02/26/2004
End Date 02/26/2004

Boring ID
SB-10-07-02

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040820	65		0" - 6" Concrete and Subbase 6" - 15.5" Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1040821	65		Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4-	1040822	77		0" - 10" Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 10" - 18.5" Red-brown to brown fine to very fine SAND and SILT, trace Clay, moist, dense	0.0
6-	1040823	77		0" - 11" Red brown to brown fine to very fine SAND and SILT, trace Clay, moist, dense 11" - 18.5" Pulverised rock and rock flour	0.0
8-	1040824	63		0" - 6" Pulverised rock and rock flour 6" - 11" Orange-brown fine to very fine SAND and SILT, moist, moderately dense 11" - 15" Pulverised rock and rock flour	0.0
10-	1040825	63		0" - 6" Orange-brown fine to very fine SAND and SILT, rock fragments throughout 6" - 10" Pulverised rock and rock flour 10" - 15" Orange-brown fine to very fine SAND and SILT, rock fragments throughout	0.0
12-	1040826	54		Orange brown fine to very fine SAND, trace Silt, pulverised rock throughout Refusal at 14'	0.0
14					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe-Direct Push
Sampling Method Macro-Core
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 03/03/2004
End Date 03/03/2004

Boring ID SB-10-08-01

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040933	54		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1040934	54		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4-	1040935	54		0" - 10" Gray fine to very fine SAND, trace Clay, green 1/8" bands in upper 6", moist to saturated, moderately dense 10" - 13" Pulverised rock	0.0
6-	1040936	54		0" - 4" Gray fine to very fine SAND, trace Clay, moist to saturated, moderately dense 4" - 13" Orange-brown to brown fine to very fine SAND and SILT, trace medium to coarse Sand, trace organics, moist to saturated, moderately dense	0.0
8-	1040937	50		0" - 4" Light brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense 4" - 12" Pulverised rock	0.0
10-	1040938	50		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, trace Clay, moist, moderately dense	0.0
12-	1040939, 1040940	81		Gray very fine SAND and SILT, little Clay, trace organics, moist to saturated, moderately dense	0.0
14-	1040941	81		0" - 8" Gray very fine SAND and SILT, little Clay, trace organics, moist to saturated, moderately dense 8" - 19.5" Orange-brown fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0.0
16				End of Boring at 15.6 feet	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe-Direct Push
Sampling Method Macro-Core
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 03/08/2004
End Date 03/08/2004

Boring ID
SB-10-08-02

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041046	27		Orange-brown to brown fine to very fine SAND and SILT, rock fragments throughout, moist to saturated, moderately dense	0.0
4-	1041047	83		Orange-brown to brown fine to very fine SAND and SILT, rock fragments throughout, moist to saturated, moderately dense	0.0
6-	1041048	83		0" - 11" Orange-brown to brown fine to very fine SAND and SILT, rock fragments throughout, moist to saturated, moderately dense 11" - 20" Dark brown very fine to fine SAND and SILT, trace Clay, trace organics, wet, moderately dense	0.0
8-	1041049	79		Orange-brown fine to very fine SAND, some Silt, trace medium to coarse Sand, trace medium to fine Gravel, trace organics, trace Clay, moist, moderately dense	0.0
10-	1041050, 1041051	79		Gray-brown fine to very fine SAND and SILT, trace medium to coarse Sand, trace organics, moist, moderately dense	0.0
12-	1041052	96		Gray-brown fine to very fine SAND and SILT, trace medium to coarse Sand, trace organics, moist, moderately dense	0.0
14-	1041053	96		Light brown to tan fine to very fine SAND, some Silt, trace medium to coarse Sand, trace Clay, moist, moderately dense	0.0
16				End of Boring at 15.9 feet	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 04/27/2004
End Date 04/27/2004

Boring ID
SB-10-08-03

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro-Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041199	79		0" - 4" Gravel 4" - 12" Brown fine to very fine SAND and SILT, trace Gravel, moist, loose 12" - 19" Asphalt and trap rock	0.0
2-	1041200	79		Brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4-	1041201	83		Brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
6-	1041202	83		Brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
8-	1041203	56		Brown fine to very fine SAND and SILT, rock fragments throughout, wet, moderately dense	0.0
10-	1041204	56		Brown fine to very fine SAND and SILT, rock fragments throughout, wet, moderately dense	0.0
12-	1041205	63		Gray brown very fine SAND and SILT, trace organics, moist, moderately dense	0.0
14-	1041206	63		Gray brown very fine SAND and SILT, trace organics, moist, moderately dense	0.0
16				End of Boring at 15.3 feet	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 04/27/2004
End Date 04/27/2004

Boring ID
SB-10-08-04

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro-Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041207	75		Brown fine to very fine SAND and SILT, trace medium to coarse Gravel, trace Clay, moist, moderately dense	0.0
2-	1041208	75		Brown fine to very fine SAND and SILT, trace medium to coarse Gravel, trace Clay, moist, moderately dense	0.0
4-	1041209	92		Brown fine to very fine SAND and SILT, trace medium to coarse Gravel, trace Clay, moist, moderately dense	0.0
6-	1041210, 1041211	92		Dark gray to greenish-gray very fine SAND and SILT, trace fine to coarse Sand, trace Gravel, trace organic matter, moist, moderately dense	0.0
8-	1041212	75		Dark gray to greenish-gray very fine SAND and SILT, trace fine to coarse Sand, trace Gravel, trace organic matter, moist, moderately dense	0.0
10-	1041213	75		Dark gray to greenish-gray very fine SAND and SILT, trace fine to coarse Sand, trace Gravel, trace organic matter, moist, moderately dense	0.0
12-	1041214	N.R.		Dark gray very fine SAND and SILT, trace organics, moist to wet, moderately dense	0.0
14-	1041215	N.R.		Light gray very fine SAND and SILT, trace organics, moist, moderately dense	0.0
16				End of Boring at 16.0 feet	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 04/27/2004
End Date 04/27/2004

Boring ID SB-10-08-05

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro-Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041216	38		0" - 6" ASPHALT and SUBBASE (FILL) Yellow-orange fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4-	1041217	98		Greenish-gray very fine SAND and SILT, trace fine to coarse Sand, trace Clay, trace Gravel, moist, moderately dense	0.0
6-	1041218	98		Greenish-gray very fine SAND and SILT, trace fine to coarse Sand, trace Clay, trace Gravel, moist, moderately dense	0.0
8-	1041219	94		Gray fine to very fine SAND and SILT, trace Clay, moist, moderately dense	0.0
10-	1041220	94		Gray fine to very fine SAND and SILT, trace Clay, moist, moderately dense	0.0
12-	1041221	90		Light brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, dense	0.0
14-	1041222	90		Light brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, dense	0.0
16				End of Boring at 15.8 feet	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 04/27/2004
End Date 04/27/2004

Boring ID SB-10-08-06

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro-Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041224	33		Gray-brown very fine SAND and SILT, rock fragments throughout, wet, loose	0.0
4-	1041225	79		Gray-brown very fine SAND and SILT, rock fragments throughout, wet, loose	0.0
6-	1041226	79		Gray-brown very fine SAND and SILT, rock fragments throughout, wet, loose	0.0
8-	1041227	N.R.		Brown very fine SAND and SILT, trace fine to coarse Sand, trace Gravel, trace Clay, moist, dense	0.0
10-	1041228	N.R.		Brown very fine SAND and SILT, trace fine to coarse Sand, trace Gravel, trace Clay, moist, dense	0.0
12-		2		Brown very fine SAND and SILT, trace fine to coarse Sand, trace Gravel, trace Clay, moist, dense End of Boring at 12.1 feet	N.T.
16					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 08/17/2004
End Date 08/17/2004

Boring ID SB-10-08-07

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro-Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1051450	75		0" - 10" ASPHALT and SUBBASE (FILL) 10" - 18" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1051451	75		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4-	1051452	25		Orange-brown to gray-brown very fine SAND and SILT, trace fine Sand, trace medium to coarse Gravel, moist, moderately dense	0.0
8-	1051453	96		Orange-brown to gray-brown very fine SAND and SILT, trace fine Sand, greenish laminations in upper 6", moist, moderately dense	0.0
10-	1051454	96		Gray-brown very fine SAND and SILT, trace Clay, trace organic matter, moist, moderately dense	0.0
12-	1051455, 1051456	92		Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
14-	1051457	92		Orange-brown to brown very fine SAND and SILT, trace fine Sand, trace fine Gravel, moist, dense	0.0
16				End of Boring at 15.7 feet	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro-Core
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 07/30/2004
End Date 07/30/2004

Boring ID
SB-10-08-08

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400 - LEA 97
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1051003	75		0" - 10" GRAVEL and ASPHALT (FILL) 10" - 18" Brown fine to very fine SAND, some SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1051004	75		Brown fine to very fine SAND, some SILT, rock fragments throughout, moist, moderately dense	0.0
4-	1051005	96		Greenish-brown fine to very fine SAND, some SILT, rock fragments throughout, moist, moderately dense	0.0
6-	1051006	96		Greenish-brown fine to very fine SAND, some SILT, rock fragments throughout, moist, moderately dense	0.0
8-	1051007	83		Orange-brown to brown very fine to fine SAND and SILT, trace organics, moist, moderately dense	0.0
10-	1051008	83		Orange-brown to brown very fine to fine SAND and SILT, trace organics, moist, moderately dense	0.0
12-	1051009	100		Orange-brown to brown very fine to fine SAND and SILT, trace organics, green material throughout, moist, moderately dense	0.0
14-	1051010	100		0" - 8" Orange-brown to brown very fine to fine SAND and SILT, trace organics, green material throughout, moist, moderately dense 8" - 24" Dark brown very fine SAND and SILT, trace fine Sand, trace organic material, moist, moderately dense	0.0
16				End of Boring at 16.0 feet	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro-Core
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 07/30/2004
End Date 07/30/2004

Boring ID
SB-10-08-09

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400 - LEA 97
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1050997	29		Brown fine to very fine SAND with coarse GRAVEL throughout, moist, loose	0.0
2-	1050998	29		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4-	1050999	96		0" - 6" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 6" - 23" Brown very fine SAND and SILT, trace organics, moist, moderately dense	0.0
6-	1051000	93		Brown to greenish-brown very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
8-	1051001	100		Brown to greenish-brown very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
10-	1051002	100		Brown to greenish-brown very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
11				Rock in tip; Refusal/ End of Boring at 11.0 feet	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 08/17/2004 **End Date** 08/17/2004	**Boring ID** **SB-10-08-10**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	Macro-Core	**Drill Rig**	Geoprobe 6610DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	N.S.	83		Brown fine to very fine SAND and SILT, trace Clay, trace organics, moist, moderately dense	0.0
4-	N.S.	96		Brown fine to very fine SAND and SILT, trace Clay, trace organics, moist, moderately dense	12.6
6-	N.S.	96		Brown fine to very fine SAND and SILT, trace Clay, trace organics, moist, moderately dense	24.7
8-	1051449	92		Brown fine to very fine SAND and SILT, trace Clay, trace organics, moist, moderately dense	34.8
10-	N.S.	92		0" - 8" Grey brown very fine SAND and SILT, trace Clay, trace organics, moist, moderately dense 8" - 22" Orange brown fine to very fineSAND and SILT, trace medium to fine Gravel, moist, dense	5.7
12-	N.S.	83		Orange brown fine to very fine SAND and SILT, trace medium to fine Gravel, moist, dense	25.7
14-	N.S.	83		Tan-grey very fine SAND and SILT, trace fine Sand, trace Clay, trace fine to medium Gravel, moist, loose	1.6
16-	N.S.	92		Orange brown very fine SAND and SILT, trace Clay, moist, moderately dense, weathered rock fragments throughout	0.0
18-	N.S.	92		Orange brown very fine SAND and SILT, trace Clay, moist, moderately dense, weathered rock fragments throughout	0.0
20-	N.S.	63		Dark brown to orange brown very fine SAND and SILT, trace fine Sand, trace Clay, moist, moderately dense	0.0
22-	N.S.	63		Dark brown to orange brown very fine SAND and SILT, trace fine Sand, trace Clay, moist, moderately dense	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 08/17/2004
End Date 08/17/2004

Boring ID SB-10-08-11

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe-Direct Push
Sampling Method Macro-Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1051458	75		0" - 3" Asphalt 3" - 18" Brown very fine SAND and SILT, trace fine Gravel, trace fine Sand, moist, loose to moderately dense	0.0
2-	1051459	75		0" - 2" Asphalt 2" - 18" Orange-brown very fine SAND and SILT, trace fine Sand, trace Clay, moist, moderately dense	0.0
4-	1051460	58		Orange-brown very fine SAND and SILT, trace fine Sand, trace Clay, moist, moderately dense	0.0
6-	1051461	58		Orange-brown very fine SAND and SILT, trace fine Sand, trace Clay, moist, moderately dense	0.0
8-	1051462	83		Brown fine to very fine SAND and SILT, trace medium to coarse Gravel, moist, moderately dense	0.0
10-	1051463	83		Brown fine to very fine SAND and SILT, trace medium to coarse Gravel, moist, moderately dense	0.0
12-	1051464	92		Brown very fine SAND and SILT, trace Clay, lenses of green material throughout, moist, moderately dense	0.0
14-	1051465	92		Brown very fine SAND and SILT, trace Clay, trace organics, moist, moderately dense	0.0
16-	1051466	83		Brown very fine SAND and SILT, trace Clay, trace organics, moist, moderately dense	0.0
18-	1051467	83		Yellow-orange to orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, dense	0.0
20				End of Boring at 19.7 feet	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 07/31/2004
End Date 07/31/2004

Boring ID SB-10-08-12

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro-Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400 - LEA 97
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0.0-		67		0-6" GRAVEL	0.0
0.5-	1051013	67		Orange-brown very fine SAND and SILT, trace fine Sand, rock fragments throughout, moist, moderately dense	0.0
2-	1051014	67		Orange-brown very fine SAND and SILT, trace fine Sand, rock fragments throughout, moist, moderately dense	0.0
4-	1051015	75		Orange-brown very fine SAND and SILT, trace fine Sand, rock fragments throughout, moist to wet, moderately dense	0.0
6-	1051016	75		Orange-brown very fine SAND and SILT, trace fine Sand, rock fragments throughout, moist to wet, moderately dense	0.0
8-	1051017	96		Orange-brown very fine SAND and SILT, trace fine Sand, rock fragments throughout, moist to wet, moderately dense	0.0
10-	1051018	96		Greenish-gray-brown very fine SAND and SILT, trace fine to medium Sand, trace organics, rock fragments throughout, moist, moderately dense	0.0
12-	1051019	83		Greenish-gray-brown very fine SAND and SILT, trace fine to medium Sand, trace organics, rock fragments throughout, moist, moderately dense	0.0
14-	1051020	83		Brown fine to very fine SAND and SILT, trace organic matter, moist, moderately dense	0.0
				End of Boring at 15.7 feet	
16					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 07/30/2004
End Date 07/30/2004

Boring ID
SB-12-03-10

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400 - LEA 97
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0.00-		83		Asphalt and traprock	
0.3-	1050983	83		Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense to loose	3.3
2.1-	1050984	83		Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense to loose	0.0
4.0				Refusal at 4'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 03/07/2004 **End Date** 03/07/2004	**Boring ID** **SB-12-04-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	dave brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth **at** **Hours**		**Latitude**	
Depth **at** **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1041022	83		0" - 8" Concrete Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
2-	1041023	83		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense Refusal at 4'	0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 03/07/2004
End Date 03/07/2004

Boring ID
SB-12-04-02

Logged by dave brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041024	96		0" - 6" Concrete floor Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
2-	1041025	96		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense Refusal at 4'	0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 02/11/2004 **End Date** 02/11/2004	**Boring ID** **SB-13-01-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040647			0" - 6" Concrete and crushed rock Yellow-orange fine to very fine SAND, little Silt, moist, moderately dense	0.9
2-	1040648			Yellow-orange fine to very fine SAND, little Silt, moist, moderately dense	0.1
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 02/11/2004	**Boring ID** SB-13-01-02
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 02/11/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.	**Logged by** Dave Brisson		
Drilling Method Geoprobe - Direct Push	**Drilling Foreman** Jason Miller		
Sampling Method GP5400	**Drill Rig** 6610 DT		
Groundwater Observation	**Surface Elevation**		
Depth at Hours	**Latitude**		
Depth at Hours	**Longitude**		

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040649	83		0" - 6" Concrete floor Orange-brown very fine SAND and SILT, trace fine to medum Sand, rock fragments throughout, moist, moderately dense	0.0
2-	1040650	83		Yellow-brown fine to very fine SAND and SILT, fractured rock throughout, moist, loose	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 02/12/2004 **End Date** 02/12/2004	**Boring ID** **SB-13-01-03**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040667	96		0" - 4" Concrete floor Yellow-orange very fine to fine SAND and SILT, gray Clay (weathered rock), moist, dense	0.0
2- 4	1040668	96		Yellow-orange very fine to fine SAND and SILT, gray Clay (weathered rock), moist, dense	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 02/12/2004
End Date 02/12/2004

Boring ID
SB-11-01-01

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040673	50		0" - 8" Asphalt Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments thoughout, moist, moderately dense	0.0
2-	1040674	50		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments thoughout, moist, moderately dense	0.0
4-	1040675	71		Yellow-orange fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0.0
6-	1040676	71		Yellow-orange fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0.0
8-	1040677	61		Yellow-orange fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0.0
10-	1040678	61		Yellow-orange fine to very fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense; rock in tip	0.0
11				Refusal at 11'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/12/2004
End Date 02/12/2004

Boring ID SB-11-01-02

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040679	83		0" - 4" Asphalt Orange-brown very fine to fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	
2-	1040680	83		Orange-brown very fine to fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	
4-	1040681, 1040682	100		Orange-brown very fine to fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0.0
6-	1040683	48		Orange-brown very fine to fine SAND and SILT, trace Clay, rock fragments throughout, moist, moderately dense	0.0
8.00-				Fractured rock Refusal at 9.0'	
9					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/12/2004 **End Date** 02/12/2004	**Boring ID** **SB-11-01-03**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth **at** **Hours**		**Latitude**	
Depth **at** **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040684	75		0" - 4" Asphalt Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1040685	75		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4.00- 4.5				Refusal at 4.5'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 04/27/2004 **End Date** 04/27/2004	**Boring ID** **SB-11-01-04**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	Macro Core	**Drill Rig**	Geoprobe 6610DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1041262	63		0" - 4" Asphalt 4" - 15" Yellow-orange fine to very fine SAND and SILT, trace coarse to fine Gravel, moist, moderately dense	0
2-	1041229	83		Yellow-orange fine to very fine SAND and SILT, trace coarse to fine Gravel, moist, moderately dense	0
4.00- 4.75				Refusal at 4.75'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 04/27/2004 **End Date** 04/27/2004	**Boring ID** **SB-11-01-05**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	Macro Core	**Drill Rig**	Geoprobe 6610DT
Groundwater Observation		**Surface Elevation**	
Depth **at** **Hours**		**Latitude**	
Depth **at** **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1041230	83		0" - 6" Asphalt 6" - 20" Brown fine to very fine SAND and SILT, trace fine to medium Gravel, rock fragments throughout, moist, moderately dense	0
2-	1041231	83		6" - 20" Brown fine to very fine SAND and SILT, trace fine to medium Gravel, rock fragments throughout, moist, moderately dense	0
4.00- 4.5				Refusal at 4.5'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 04/27/2004 **End Date** 04/27/2004	**Boring ID** **SB-11-01-06**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	Macro Core	**Drill Rig**	Geoprobe 6610DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1041232	86		0" - 6" Asphalt 6" - 19" Brown fine to very fine SAND andSILT, rock fragments throughout, moist, dense	0
2-	1041233	86		Brown fine to very fine SAND andSILT, rock fragments throughout, moist, dense Refusal at 3.75'	0
3.75					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/05/2004
End Date 03/05/2004

Boring ID SB-11-02-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040980	96		0" - 4" Asphalt and traprock Orange-brown to yellow-orange fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
2-	1040981	96		Orange-brown to yellow-orange fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
4-	1040982	83		Orange-brown to yellow-orange fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
6-	1040983	83		Orange-brown to yellow-orange fine to very fine SAND, little Silt, rock fragments throughout, moist, moderately dense	0
8-	1040984	88		Orange-brown fine to very fine SAND, some Silt, weathered rock throughout, moist, loose to moderately dense	0
10-	1040985, 1040986	88		Orange-brown fine to very fine SAND, some Silt, weathered rock throughout, moist, loose to moderately dense Refusal at 12'	0
12					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 03/05/2004 **End Date** 03/05/2004	**Boring ID** **SB-11-02-02**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0.00-		75		0" - 4" Dark gray black crushed GRAVEL 4" - 36" No record	
4-	1040987	50		Orange-brown fine to very fine SAND and GRAVEL, trace Silt, moist, loose	0
6-	1040988	50		0" - 8" Orange-brown fine to very fine SAND and GRAVEL, trace Silt, moist, loose 8" - 12" Yellow-orange fine to very fine SAND and SILT, moist, loose	0
8-	1040989	67		Yellow-orange fine to very fine SAND and SILT, moist, loose, rock fragments throughout Refusal at 10.5'	0
10.5					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/27/2004
End Date 02/27/2004

Boring ID SB-11-02-03

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040841	83		0" - 6" Asphalt and subbase 6" - 20" Light brown fine to very fine SAND, little Silt, trace medium to coarse Sand, moist, moderately dense	0.0
2-	1040842	83		Light brown fine to very fine SAND, little Silt, trace medium to coarse Sand, moist, moderately dense	0.0
4-	1040843	92		Light brown fine to very fine SAND, little Silt, trace medium to coarse Sand, moist, moderately dense	0.0
6-	1040844, 1040845	92		Light brown fine to very fine SAND, little Silt, trace medium to coarse Sand, moist, moderately dense	0.0
8.00-		38		Weathered rock and top changing to pulverised rock and rock flour Refusal at 10'	
10.00					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 03/08/2004
End Date 03/08/2004

Boring ID SB-11-03-01

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041054	75		0" - 8" Asphalt and subbase Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
2-	1041055	75		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
4-	1041056	67		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
6-	1041057	67		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
8-	1041058	60		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
10-	1041059	60		0" - 4" Pulverised concrete 4" - 14.5" orange brown fine to very fine SAND and SILT, weathered rock throughout, moist, moderately dense Refusal at 12'	0
12					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 02/10/2004
End Date 02/10/2004

Boring ID SB-12-01-01

Logged by dave brisson
Drilling Foreman Jason Miller
Drill Rig 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040621	58		0" - 8" Concrete floor and crushed stone Orange-brown very fine to fine SAND and SILT, trace medium to coarse Sand, trace fine Gravel, 2" layer of crushed slag material at 12" in sample	0.1
2-	1040622	58		Yellow-orange very fine SAND and SILT, trace fine to medum Sand, large Cobbles throughout, fill material present (concrete, asphalt)	0.1
4-	1040623	92		Tan very fine SAND and SILT, fractured rock present throughout, loose to moderately dense	0.1
6.00-		92		0" - 6" Tan very fine SAND and SILT, fractured rock present throughout, loose to moderately dense 6" - 9" Dilapidated concrete and yellow very fine SAND and SILT	
7.0-	1040624	92		Orange-yellow very fine SAND and SILT, trace fine Sand, moist, dense	0.0
8					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/10/2004
End Date 02/10/2004

Boring ID SB-12-01-02

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040625	83		0" - 6" Concrete floor and crushed stone Yellow-orange to orange-brown very fine SAND and SILT, trace Clay, Cobbles, some fill material present, moist, dense	0.1
2-	1040626	83		0" - 10" Yellow-orange to orange-brown very fine SAND and SILT, trace Clay, Cobbles, some fill material present, moist, dense 10" - 20" Orange-brown fine to very fine SAND and SILT, trace Clay, moist, dense	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 07/31/2004 **End Date** 07/31/2004	**Boring ID** **SB-12-01-09**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	Macro Core	**Drill Rig**	Geoprobe 5400 - LEA 97
Groundwater Observation		**Surface Elevation**	
Depth **at** **Hours**		**Latitude**	
Depth **at** **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | |	1051050	85		0" - 6" Asphalt 6" - 20.5" Light brown very fine SAND and SILT, rock fragments and asphalt pieces throughout, moist, moderately dense	0.0
2- | | | 4	1051051, 1051052	85		Light brown very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.1

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 02/10/2004 **End Date** 02/10/2004	**Boring ID** **SB-12-02-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040627	77		0" - 8" Concrete floor and crushed rock 8" - 14" Orange-brown very fine SAND and SILT, trace medium to fine SAND, trace Gravel 14" - 26.5" Gray brown very fine SAND and SILT, little medium to coarse Sand, rock fragments present, trace organics, moist, dense	0.5
2-	1040628	77		Gray-brown very fine SAND and SILT, little medium to coarse Sand, rock fragments present, trace organcis, moist, dense	1.0
4-	1040629	79		Yellow-orange very fine SAND and SILT, trace Clay, trace fine Sand, moist	0.0
6.00- 8.00		79		Yellow-orange very fine SAND and SILT, trace Clay, trace fine Sand, moist	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/10/2004
End Date 02/10/2004

Boring ID SB-12-02-02

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040630	83		0" - 6" Concrete floor and crushed rock Orange-brown very fine to fine SAND and SILT, fill material (concrete, coal, gravel) throughout, moist, dense	0.0
2-	1040631, 1040632	83		Orange-brown very fine to fine SAND and SILT, fill material (concrete, coal, gravel) throughout, moist, dense	0.0
4-	1040633	50		Orange-yellow very fine SAND and SILT, trace Clay, moist, dense	0.0
6.00-		50		Orange-yellow very fine SAND and SILT, trace Clay, moist, dense	
8.00					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 02/11/2004 **End Date** 02/11/2004	**Boring ID** **SB-12-03-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040654	87		0" - 4" Delapidated asphalt Orange-yellow fine to very fine SAND and SILT, rock fragments througout, moist, dense	3.0
2-	1040655	87		0" - 10" Orange-yellow fine to very fine SAND and SILT, rock fragments througout, moist, dense 10" - 20" Pulverised rock and rock flour Refusal at 3.8'	0.5
3.8					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 04/27/2004 **End Date** 04/27/2004	**Boring ID** **SB-12-03-02**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	Macro Core	**Drill Rig**	Geoprobe 6610DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | | | | 3.5	1041194	38		0" - 10" Brown fine to very fine SAND and SILT, moist, moderately dense 10" - 14" Pulverised rock and rock flour 14" - 16" brown fine to very fine SAND and SILT, moist, moderately dense Refusal at 3.5'	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 04/27/2004 **End Date** 04/27/2004	**Boring ID** **SB-12-03-03**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	Macro Core	**Drill Rig**	Geoprobe 6610DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | |	1041195	78		Brown fine to very fine SAND and SILT, little medium to fine Gravel, moist, moderately dense	0
2- | | 3.8	1041196	78		Brown fine to very fine SAND and SILT, little medium to fine Gravel, moist, moderately dense Refusal at 3'10"	0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 04/27/2004 **End Date** 04/27/2004	**Boring ID** **SB-12-03-04**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	Macro Core	**Drill Rig**	Geoprobe 6610DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1041197	79		Brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0
2-	1041198	79		0" - 17" Brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 17" - 19" Pulverised rock and rock flour Refusal at 4.0'	0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location Baldwin Hardware

Start Date 07/30/2004
End Date 07/30/2004

Boring ID
SB-12-03-05

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400 - LEA 97
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1050991	75		Light brown very fine SAND, some Silt, rock fragments throughout, moist, moderately dense	0.0
2-	1050992	75		Light brown very fine SAND, some Silt, rock fragments throughout, moist, moderately dense Refusal at 4'	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 07/30/2004
End Date 07/30/2004

Boring ID
SB-12-03-06

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth 2.00 **at** **Hours**
Depth **at** **Hours**

Logged by dave brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400 - LEA 97
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1050986	79		Light brown fine to very fine SAND, some Silt, rock fragments throughout, moist, moderately dense	0.0
2-	1050987, 1050988	79		Orange-yellow-brown fine to very fine SAND and SILT, rock fragments throughout, wet, moderately dense	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location Baldwin Hardware

Start Date 07/30/2004
End Date 07/30/2004

Boring ID
SB-12-03-07

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400 - LEA 97
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0.00-		100		Asphalt and traprock	
0.3- | | 2.0	1050985	75		Orange-yellow fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense Refusal at 2'	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth 2.00 **at** **Hours**
Depth **at** **Hours**

Start Date 07/30/2004
End Date 07/30/2004

Boring ID
SB-12-03-08

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400 - LEA 97
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1050989	83		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2- V	1050990	83		Orange-brown very fine SAND and SILT, trace fine Sand, rock fragments throughout, wet, moderately dense Refusal at 4'	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 07/30/2004
End Date 07/30/2004

Boring ID
SB-12-03-09

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 5400 - LEA 97
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0- | | |	1050993	100		Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2- | | | 4	1050994	100		Light brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense Refusal at 4'	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/28/2004
End Date 02/28/2004

Boring ID
SB-19-03-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by dave brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 CT
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040855	94		0" - 8" Concrete floor and rubble 8" - 17" Orange-brown fine to very fine SAND and SILT, moist, moderately dense	0.8
1.5-	1040856	94		0" - 6" Orange-brown fine to very fine SAND and SILT, moist, moderately dense, rock fragments throughout 6" - 17" Pulverised rock and rock flour Refusal at 3'	0.0
3.0					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 03/06/2004 **End Date** 03/06/2004	**Boring ID** **SB-19-04-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth **at** **Hours**		**Latitude**	
Depth **at** **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- |	1041009	46		0" - 6" Concrete floor 6" - 18" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, dense	141
1- | 2	1041010	46		0" - 10" Pulverised rock and rock flour, strong odor, separate sample taken Refusal at 2'	186

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 03/06/2004 **End Date** 03/06/2004	**Boring ID** **SB-19-04-02**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1041011, 1041013	83		0" - 6" Concrete floor Brown to orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, pulverised rock throughout, moist, moderately dense	15.5
2-	1041012	83		Brown to orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, pulverised rock throughout, moist, moderately dense	14.9
4.00-4.25				Refusal at 4.25'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 03/06/2004	**Boring ID** SB-19-04-03
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 03/06/2004	
Location			
Drilling Contractor Loureiro Engineering Associates, Inc.		**Logged by** Dave Brisson	
Drilling Method Hand Auger		**Drilling Foreman** Dave Brisson	
Sampling Method Hand Auger		**Drill Rig** Hand Auger	
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2.2	1041014	100		0" - 6" Concrete floor Orange-brown fine to very fine SAND and SILT, moist, loose Refusal at 2.2'	18.7

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 03/06/2004 **End Date** 03/06/2004	**Boring ID** **SB-19-04-04**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Hand Auger	**Drilling Foreman**	Dave Brisson
Sampling Method	hand auger	**Drill Rig**	Hand Auger
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1041015	100		0" - 6" Concrete floor Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, loose	0
2-	1041016	100		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, loose Refusal at 3.75'	0
3.75					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/06/2004
End Date 03/06/2004

Boring ID
SB-19-04-05

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Hand Auger
Sampling Method hand auger
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by dave brisson
Drilling Foreman Dave Brisson
Drill Rig Hand Auger
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0- | | |	1041017	100		0" - 6" Concrete floor Light brown very fine SAND and SILT, little medium to fine Sand, moist, moderately dense	25.8
2- | 3	1041018	100		Orange-brown and yellow-orange fine to very fine SAND and SILT, trace Clay, trace organics, rock fragments throughtout, moist, moderately dense, strong odor Refusal at 3'	96.1

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/06/2004
End Date 03/06/2004

Boring ID
SB-19-04-06

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Hand Auger
Sampling Method Hand Auger
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by dave brisson
Drilling Foreman Dave Brisson
Drill Rig Hand Auger
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0- | | | 2.25	1041019	100		0" - 6" Concrete floor Orange-brown fine to very fine SAND and SILT, trace Gravel, fractured rock throughout, moist, moderately dense Refusal at 2.25'	35.1

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth 10.00 **at** **Hours**
Depth **at** **Hours**

Start Date 03/08/2004
End Date 03/08/2004

Boring ID
SB-19-04-07

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041060	81		Orange-brown fine to very fine SAND and SILT, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense	0
2-	1041061	81		Light gray fine to very fine SAND and rock fragments, weathered rock throughout, moist, loose	0
4-	1041062	94		Yellow-orange fine to very fine SAND and SILT, little Clay, moist, moderately dense	0
6-	1041063	94		Yellow-orange fine to very fine SAND and SILT, little Clay, moist, moderately dense	0
8-	1041064	92		Yellow-orange fine to very fine SAND and SILT, little Clay, rock fragments throughout, moist, moderately dense	0
10- V	1041065	92		Yellow-orange fine to very fine SAND and SILT, little Clay, fractured rock and rock fragments throughout, wet, moderately dense	0
12-	1041066	96		Yellow-orange fine to very fine SAND and SILT, little Clay, fractured rock and rock fragments throughout, wet, moderately dense	0
14-	1041067	96		Yellow-orange fine to very fine SAND and SILT, little Clay, fractured rock and rock fragments throughout, wet, moderately dense	0
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GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 08/15/2004 **End Date** 08/15/2004	**Boring ID** **SB-19-04-08**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	dave brisson
Drilling Method	Hand Auger	**Drilling Foreman**	C. Scott Brown
Sampling Method	Hand Auger	**Drill Rig**	Hand Auger
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0.0-				Concrete	
0.5- | | 2	1051448	100		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, dense Refusal at 2.25'	2.1

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 03/24/2004
End Date 03/24/2004

Boring ID
SB-19-05-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Hand Auger
Sampling Method hand auger
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Hand Auger
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0- | | |	1041074	100		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2- | | | 4	1041075, 1041076	100		0" - 20" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 20" - 24" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense, weathered rock fragments Refusal at 4'	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 08/15/2004 **End Date** 08/15/2004	**Boring ID** **SB-19-05-02**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Hand Auger	**Drilling Foreman**	
Sampling Method	Hand Auger	**Drill Rig**	Hand Auger
Groundwater Observation		**Surface Elevation**	
Depth **at** **Hours**		**Latitude**	
Depth **at** **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2	1051440	100		Light brown to brown very fine SAND and SILT, trace fine Gravel, moist, moderately dense Refusal at 2.5'	1.9

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 08/15/2004	**Boring ID** SB-19-05-03
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 08/15/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.	**Logged by** Dave Brisson		
Drilling Method Hand Auger	**Drilling Foreman**		
Sampling Method Hand Auger	**Drill Rig** Hand Auger		
Groundwater Observation	**Surface Elevation**		
Depth at Hours	**Latitude**		
Depth at Hours	**Longitude**		

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2	1051443	100		Brown fine to very fine SAND and SILT, trace medium to fine Gravel, moist, moderately dense Refusal at 2.25'	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 08/15/2004 **End Date** 08/15/2004	**Boring ID** **SB-19-05-04**
Drilling Contractor Loureiro Engineering Associates, Inc. **Drilling Method** Hand Auger **Sampling Method** Hand Auger **Groundwater Observation** **Depth** **at** **Hours** **Depth** **at** **Hours**		**Logged by** Dave Brisson **Drilling Foreman** **Drill Rig** Hand Auger **Surface Elevation** **Latitude** **Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | |	1051441	100		Brown very fine SAND and SILT, trace Clay, trace fine to medium Gravel, moist to wet, moderately dense	0.5
2- | | | 4	1051442	100		Brown very fine SAND and SILT, trace Clay, trace fine to medium Gravel, moist to wet, loose Refusal at 4.25'	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 03/04/2004
End Date 03/04/2004

Boring ID SB-12-01-06

Logged by dave brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041244	83		0" - 6" Asphalt and subbase 6" - 20" Brown ver fine to fine SAND and SILT, trace fine to coarse Gravel, moist, moderately dense	0
2-	1041245	83		0" - 16" Brown ver fine to fine SAND and SILT, trace fine to coarse Gravel, moist, moderately dense 16" - 20" Delapidated concrete (sulphur odor)	0
4-	1041246	79		Brown very fine to fine SAND and SILT, trace fine to coarse Gravel, moist, moderately dense	0
6-	1041247	79		Brown very fine to fine SAND and SILT, trace fine to coarse Gravel, moist, moderately dense	0
8-	1041248	89		Brown very fine to fine SAND and SILT, trace fine to coarse Gravel, moist, moderately dense	0
10-	1041249	89		Brown very fine to fine SAND and SILT, trace fine to coarse Gravel, moist, moderately dense Refusal at 11'10"	0
11.8					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 04/28/2004
End Date 04/28/2004

Boring ID SB-12-01-07

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method Macro Core
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig Geoprobe 6610DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1041250	79		0" - 6" Asphalt 6" - 13" Brown fine to very fine SAND and SILT, trace coarse to fine Gravel, moist, dense	0
2-	1041251	79		Brown fine to very fine SAND and SILT, trace coarse to fine Gravel, moist, dense	0
4-	1041252	96		Gray fine to very fine SAND and SILT, trace Clay, trace fine Gravel, trace organics, moist, dense	0
6-	1041253	96		Gray fine to very fine SAND and SILT, trace Clay, trace fine Gravel, trace organics, moist, dense	0
8-	1041254	88		Brown very fine to fine SAND and SILT, trace fine to medium Gravel, trace Clay, moist, moderately dense	0
10-	1041255	88		Brown very fine to fine SAND and SILT, trace fine to medium Gravel, trace Clay, moist, moderately dense	0
12.00-12.75				Refusal at 12.75'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 07/30/2004	**Boring ID** SB-12-01-08
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 07/30/2004	
Location			
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Alex Clarke
Sampling Method	Macro Core	**Drill Rig**	Geoprobe 5400 - LEA 97
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1050995	79		0" - 10" Asphalt and traprock 10" - 19" Light brown very fine SAND and SILT, trace fine Sand, rock fragments throughout, moist, moderately dense	0.0
2-	1050996	79		Light brown very fine SAND and SILT, trace fine Sand, rock fragments throughout, moist, moderately dense Refusal at 4'	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 02/12/2004 **End Date** 02/12/2004	**Boring ID** **SB-13-02-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040669	100		0" - 4" Asphalt and traprock Yellow-orange fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1040670	100		Yellow-orange fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 02/13/2004	**Boring ID** SB-13-03-01
Commission Number 07MD306.003			
Client Black & Decker HHI		**End Date** 02/13/2004	
Location Baldwin Hardware			
Drilling Contractor Loureiro Engineering Associates, Inc.	**Logged by** Dave Brisson		
Drilling Method direct push	**Drilling Foreman** Jason Miller		
Sampling Method GP5400	**Drill Rig** 6610 DT		
Groundwater Observation	**Surface Elevation**		
Depth at Hours	**Latitude**		
Depth at Hours	**Longitude**		

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040696	67		0" - 6" Asphalt and subbase 6" - 10" Dark gray very fine SAND and SILT, organic odor, moist, moderately dense 10" - 22" Tan fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1040697	67		Tan fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method direct push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 02/13/2004
End Date 02/13/2004

Boring ID
SB-13-03-02

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040698	83		0" - 4" Asphalt and Subbase Tan fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1040699	83		Tan fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location Baldwin Hardware

Start Date 02/26/2004
End Date 02/26/2004

Boring ID SB-13-04-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040809	92		Brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2.00-2.25				Refusal at 2.25'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation		**Start Date** 02/26/2004	**Boring ID** SB-13-04-02
Commission Number 07MD306.003			
Client Black & Decker HHI			
Location		**End Date** 02/26/2004	
Drilling Contractor Loureiro Engineering Associates, Inc.	**Logged by** Dave Brisson		
Drilling Method Geoprobe - Direct Push	**Drilling Foreman** Alex Clarke		
Sampling Method GP5400	**Drill Rig** 6610 DT		
Groundwater Observation	**Surface Elevation**		
Depth at Hours	**Latitude**		
Depth at Hours	**Longitude**		

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2	1040808	83		Brown fine to very fine SAND, little Silt, trace medium to coarse Sand, rock fragments throughout, moist, moderately dense Refusal at 2'	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method direct push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 03/03/2004
End Date 03/03/2004

Boring ID
SB-14-01-01

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040946	58		0" - 8" Concrete floor and rubble Red-brown fine to medium SAND, trace coarse Sand, moist, loose	0
2-	1040947	58		Red-brown fine to medium SAND, trace coarse Sand, moist, loose	0
4-	1040948	75		Orange-brown fine to very fine SAND and SILT, moist, moderately dense	0
6-	1040949	75		Orange-brown fine to very fine SAND and SILT, moist, moderately dense	0
8					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 03/03/2004
End Date 03/03/2004

Boring ID SB-14-01-02

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040950	50		0" - 6" Concrete floor and rubble Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1040951	50		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 03/04/2004 **End Date** 03/04/2004	**Boring ID** **SB-14-02-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Hand Auger	**Drilling Foreman**	Dave Brisson
Sampling Method	Hand Auger	**Drill Rig**	Hand Auger
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2	1040961	100		0" - 6" Concrete floor and rubble Orange-brown fine to very fine SAND and SILT, moist, loose Refusal at 2'	0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 02/29/2004
End Date 02/29/2004

Boring ID
SB-14-02-02

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040881	38		0" - 8" Concrete floor and rubble Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, loose	1.3
4-	1040882	83		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, loose	143
6-	1040883	83		0" - 16" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, loose 16" - 20" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, loose, weathered rock	192
8.00-8.25				Refusal at 8.25'	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location Baldwin Hardware

Start Date 02/28/2004
End Date 02/28/2004

Boring ID
SB-14-03-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 CT
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | 1.5	1040853	22		0" - 6" Concrete floor and rubble 6" - 10" Brown fine to very fine SAND, trace Silt, trace medium to coarse Sand, trace Gravel Rock in tip; Refusal at 1.5'	0.0

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 03/03/2004
End Date 03/03/2004

Boring ID SB-14-04-01

Logged by Dave Brisson
Drilling Foreman Alex Clarke
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040942	83		0" - 6" Concrete floor and rubble Orange-brown fine to very fine SAND and SILT, rock fragments and pulverised rock throughout, moist, moderately dense	0.0
2-	1040943	83		0" - 20" Orange brown fine to very fine SAND and SILT, rock fragments and pulverised rock throughout, moist, moderately dense 18" - 20" Asphalt	0.0
4-	1040944	75		0" - 11" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 11" - 18" Pulverised concrete, sulphur odor	0.0
6-	1040945	75		Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
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GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location

Start Date 02/12/2004
End Date 02/12/2004

Boring ID SB-16-01-01

Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040671	71		0" - 4" Asphalt Tan very fine SAND and SILT, little Clay, rock fragments throughout, moist, moderately dense	0.0
2-	1040672	71		Tan very fine SAND and SILT, little Clay, rock fragments throughout, moist, moderately dense	0.0
4					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 02/11/2004 **End Date** 02/11/2004	**Boring ID** **SB-17-01-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040656			0" - 3" Asphalt Tan to orange-brown very fine SAND and SILT, fractured rock throughout, moist, moderately dense	0.0
2.00-				Rock flour and rock fragments Refusal at 3'	
3					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 02/13/2004 **End Date** 02/13/2004	**Boring ID** **SB-17-01-02**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040692	50		0" - 3" Asphalt 3" - 5" Orange-brown fine to very fine SAND and SILT, rock fragments throughout, moist, moderately dense 5" - 12" Pulverised rock and rock flour	0.0
2-	1040693	50		Pulverised rock and rock flour Refusal at 3'	0.0
3					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth at Hours
Depth at Hours

Start Date 02/10/2004
End Date 02/10/2004

Boring ID
SB-18-01-01

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig 6610 DT
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040634	75		0" - 8" Concrete and crushed stone 10" - 18" Tan very fine SAND and SILT, fractured rock throughout, moist, loose, moderately dense 18" - 26" Yellow-orange very fine SAND and SILT, trace medium to coarse Sand, trace Gravel, trace concrete, moist, dense	0.0
2-	1040635	75		Yellow-orange very fine SAND and SILT, trace medium to coarse Sand, trace Gravel, trace concrete, moist, dense	0.0
4-	1040636	83		Yellow-orange very fine SAND and SILT, trace medium to coarse Sand, trace Gravel, trace concrete, moist, dense	0.0
6-	1040637	83		Yellow-orange very fine SAND and SILT, trace medium to coarse Sand, trace Gravel, trace concrete, moist, dense	0.0
8-	1040638	83		0" - 16" Yellow-orange very fine SAND and SILT, trace medium to coarse Sand, trace Gravel, trace concrete, moist, dense 16" - 20" Orange-brown fine to very fine SAND, trace Silt, rock fragments, moist, loose	0.0
10					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation
Commission Number 07MD306.003
Client Black & Decker HHI
Location
Drilling Contractor Loureiro Engineering Associates, Inc.
Drilling Method Geoprobe - Direct Push
Sampling Method GP5400
Groundwater Observation
Depth 11.13 **at** **Hours**
Depth **at** **Hours**

Start Date 02/10/2004
End Date 02/10/2004

Boring ID
SB-18-01-02

Logged by Dave Brisson
Drilling Foreman Jason Miller
Drill Rig GP5400
Surface Elevation
Latitude
Longitude

Depth	Sample Information: Sample No.	Recovery (%)	Blows /6"	Soil Description: Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	PID/FID ppm
0-	1040639	50		0" - 8" Concrete and rubble Yellow-tan very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
2-	1040640	50		Yellow-tan very fine SAND and SILT, rock fragments throughout, moist, moderately dense	0.0
4-	1040641	83		Yellow-orange very fine to fine SAND and SILT, moist, loose, moderately dense	0.0
6-	1040642	83		Yellow-orange very fine to fine SAND and SILT, moist, loose, moderately dense	0.0
8-	1040643	96		Yellow-orange very fine to fine SAND and SILT, moist, loose, moderately dense	0.0
10-	1040644	96		0" - 13" Yellow-orange very fine to fine SAND and SILT, moist, loose, moderately dense 13" - 23" Yellow-orange fine to very fine SAND and SILT, wet, loose Refusal at 12.5	0.0
V 12					

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 02/11/2004 **End Date** 02/11/2004	**Boring ID** **SB-18-01-03**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0-	1040651	79		0" - 4" Concrete Tan fine to very fine SAND and SILT, fractured rock throughout, moist, dense	0.0
2-	1040652	79		Yellow-orange fine to very fine SAND, little Silt, fractured rock throughout, wet, moderately dense to loose	0.0
4-	1040653	75		Gray tan SILT and CLAY, rock pieces and broken shale throughout, dry, loose to moderately dense	0.0
6.00- 8.00		79		Gray tan SILT and CLAY, rock pieces and broken shale throughout, dry, loose to moderately dense	

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location**		**Start Date** 02/08/2004 **End Date** 02/08/2004	**Boring ID** **SB-19-01-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Hand Auger	**Drilling Foreman**	Jason Miller
Sampling Method	hand auger	**Drill Rig**	Hand Auger
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0- | | | 2	1040584	100		0" - 10" Concrete floor and rock fragments 10" - 20" Gray fine to very fine SAND and SILT some rock fragments, trace medium to coarse Sand, moist, loose 20" - 28" Brown medium to very fine SAND and SILT, rock fragments present, moist, loose 28" - 34" Yellow-orange very fine SAND and SILT, trace fine to medium Sand, rock fragments present, moist, dense	0.1

GEOLOGIC BORING LOG

Project: Phase II/III Investigation **Commission Number** 07MD306.003 **Client** Black & Decker HHI **Location** Baldwin Hardware		**Start Date** 02/08/2004 **End Date** 02/08/2004	**Boring ID** **SB-19-02-01**
Drilling Contractor	Loureiro Engineering Associates, Inc.	**Logged by**	Dave Brisson
Drilling Method	Geoprobe - Direct Push	**Drilling Foreman**	Jason Miller
Sampling Method	GP5400	**Drill Rig**	6610 DT
Groundwater Observation		**Surface Elevation**	
Depth at **Hours**		**Latitude**	
Depth at **Hours**		**Longitude**	

Depth	Sample Information			Soil Description	PID/FID ppm
	Sample No.	Recovery (%)	Blows /6"	Color, Primary Grain Size, Secondary Grain Sizes, Moisture, Sorting, Sphericity, Angularity, Sedimentary Structure, Density, Cohesiveness, Other	
0.00-		81		0" - 10" Concrete floor and rock fragments 10" - 18" Rock fragments 18" - 24" Orange-brown very fine SAND and SILT, moist, dense	
2-	1040588	81		Orange-yellow to gray very fine SAND and SILT, some Clay, rock fragments throughout, moist, dense	4.8
4					